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74845

THE TRAVANCORE DIRECTORY

FOR

1943

Part I

PUBLISHED BY ORDER

OF

THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA

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Royal family of Travancore	...	...	

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HIS HIGHNESS THE MAHARAJA

HIS HIGHNESS

SRI PADMANABHA DASA
VANCHI PALA
SIR

BALA RAMA VARMA

KULASEKHARA KIRITAPATI
MANNEY SULTAN
MAHARAJA RAJA
RAMARAJA BAHADUR SHAMSHER JANG
KNIGHT GRAND COMMANDER
OF THE MOST EMINENT ORDER OF THE
INDIAN EMPIRE,
Honorary Colonel, Twelfth Malabar Battalion
D. Litt.

MAHARAJA OF TRAVANCORE

BORN 7th NOVEMBER 1912.
ASCENDED THE MUSNUD
1st SEPTEMBER 1924.
INVESTED WITH RULING POWERS
6th NOVEMBER 1931.

HIS HIGHNESS

MARTANDA VARMA

ELAYA RAJA OF TRAVANCORE

BORN 22ND MARCH 1922.

[BROTHER OF HIS HIGHNESS THE MAHARAJA.]

HIS HIGHNESS

RAMA VARMA

FIRST PRINCE OF TRAVANCORE

BORN 5TH JANUARY 1938.

[NEPHEW OF HIS HIGHNESS THE MAHARAJA.]

HER HIGHNESS

SRI PADMANABHA SEVINI

VANCHI DHARMA VARDHINI

RAJA RAJESWARI

SETU LAKSHMI BAYI LL. D.

SENIOR MAHARANI OF TRAVANCORE

MEMBER OF THE IMPERIAL ORDER OF THE

CROWN OF INDIA

BORN 19TH NOVEMBER 1895.

HER HIGHNESS

MAHARANI SETU PARVATI BAYI

OF TRAVANCORE

D. Litt.

BORN 8TH NOVEMBER 1896.

[MOTHER OF HIS HIGHNESS THE MAHARAJA.]

HER HIGHNESS

LAKSHMI BAYI

FIRST PRINCESS OF TRAVANCORE

BORN 17TH SEPTEMBER 1916.

[SISTER OF HIS HIGHNESS THE MAHARAJA.]

HER HIGHNESS

LALITAMBA BAYI

SECOND PRINCESS OF TRAVANCORE

[DAUGHTER OF HER HIGHNESS THE SENIOR MAHARANI.]

BORN 30TH DECEMBER 1923.

HER HIGHNESS

INDIRA BAYI

THIRD PRINCESS OF TRAVANCORE

[DAUGHTER OF HER HIGHNESS THE SENIOR MAHARANI.]

BORN 23RD OCTOBER 1926.

HER HIGHNESS

RUKMINI BAYI

FOURTH PRINCESS OF TRAVANCORE

[NIECE OF HIS HIGHNESS THE MAHARAJA.]

BORN 15TH FEBRUARY 1940.

HER HIGHNESS

UMA BAYI

FIFTH PRINCESS OF TRAVANCORE

[NIECE OF HIS HIGHNESS THE MAHARAJA.]

BORN 29TH DECEMBER 1941.

HER HIGHNESS

POOYAM THIRUNAL

SIXTH PRINCESS OF TRAVANCORE

[NIECE OF HIS HIGHNESS THE MAHARAJA.]

BORN 7TH SEPTEMBER 1942.

RAMA VARMA

VALIA KOIL TAMPURAN

[MARRIED TO HER HIGHNESS THE SENIOR MAHARANI.]

REVI VARMA, B. A., F. M. U.,

KOCHU KOIL TAMPURAN.

[MARRIED TO HER HIGHNESS MAHARANI SETU PARVATI BAYI.]

LIEUT. COL. GODA VARMA RAJA

[MARRIED TO HER HIGHNESS THE FIRST PRINCESS.]

KERALA VARMA

KOIL TAMPURAN

[MARRIED TO HER HIGHNESS THE SECOND PRINCESS.]

SECTION I

Almanac

THE

TRAVANCORE DIRECTORY, 1943

ALMANAC.

An Ephemeris for the year 1943.

ADAPTED TO THE MERIDIAN OF TRIVANDRUM.

Trivandrum Observatory.

Longitude	...	5 *h*. 7*m*. 59 *s*.=76° 59' 45" East
Latitude	...	=8° 30' 32" North
Deviation of the compass	...	4°20'.4 West, increasing annually by 5·7 minutes.
Dip (North end of needle dipping)	...	2° 10.'6 increasing annually by 3·3 minutes.
Height of barometer cistern above the sea		200 feet.
Mean temperature of the air in the shade.		77°·81 Fah.
Mean temperature of evaporation in the shade	...	73°·42 Fah.
Mean atmospheric pressure	...	29·681 inches.
Mean vapour pressure	...	0·778 inch.
Mean relative humidity (saturation = 1)	.	0·812.
Mean direction of the wind	..	W. N. W.
Mean yearly fall of rain	...	67·34 inches*
Mean yearly evaporation	...	88·54 inches.
Mean number of rainy days per year†	...	97·9.

* This result is obtained from 104 years' observations (1838—1941).

† Days on which the rainfall is less than one-tenth of an inch are not counted as rainy days.

Trivandrum mean time is 5 *h*. 7 *m*. 59 *s*. in advance of G. M. T. or 1*h*, 22*m*. 1*s*. behind the New Indian Standard Time.

Chronological notes for the year 1943.

GOLDEN NUMBER	...	6
EPACT	...	24
DOMINICAL LETTER	...	C,
JULIAN PERIOD	...	6656
JEWISH ERA (Com. September 30th)	...	5704
MOHAMADAN ERA (Com. January 8th)	...	1362
MALABAR ERA (Com. August 17th)	...	1119
KALIYUGA ERA (Com. April 14th)	...	5045
Ayanamsa on 1st January 1943	...	22°-55'-291"

English and Malabar months

English.			Malabar.
1943			1118—1119.
January	..	1	17th Margali or Dhanu, 1118.
Do.	..	14	1st Tai or Makaram.
February	..	13	1st Masi or Kumbham.
March	..	14	1st Panguni or Meenam.
April	..	14	1st Chithirai or Medam.
May	..	15	1st Vaikasi or Idavam.
June	..	15	1st Ani or Mithunam.
July	..	17	1st Adi or Karkatagam.
August	..	17	1st Avani or Chingam, 1119.
September	..	17	1st Purattasi or Kanni.
October	..	18	1st Alpasi or Thulam.
November	..	17	1st Kartika of Vrischigam.
December	..	16	1st Margali or Dhanu
Do	..	31	16th Margali or Dhanu.

English and Corresponding Malabar Years.

A. D.	M. E	A. D.	M. E.	A. D.	M. E.	A. D.	M. E.
1800	975-6	1835	1010-1	1871	1046-7	1907	1082-3
1801	976-7	1836	1011-2	1872	1047-8	1908	1083-4
1802	977-8	1837	1012-3	1873	1048-9	1909	1084-5
1803	978-9	1838	1013-4	1874	1049-0	1910	1085-6
1804	979-0	1839	1014-5	1875	1050-1	1911	1086-7
1805	980-1	1840	1015-6	1876	1051-2	1912	1087 8
1806	981-2	1841	1016-7	1877	1052-3	1913	1088-9
1807	982-3	1842	1017-8	1878	1053-4	1914	1089 0
1808	983-4	1843	1018-9	1879	1054-5	1915	1090-1
1809	984-5	1844	1019-0	1880	1055-6	1916	1091-2
1810	985-6	1845	1020-1	1881	1056-7	1917	1092-3
1811	986-7	1846	1021-2	1882	1057-8	1918	1093-4
1812	987-8	1847	1022-3	1883	1058-9	1919	1094-5
1813	988-9	1848	1023-4	1884	1059-0	1920	1095-6
1814	989-0	1849	1024-5	1885	1060-1	1921	1096-7
1815	990-1	1850	1025-6	1886	1061-2	1922	1097-8
1816	991-2	1851	1026-7	1887	1062 3	1923	1098-9
1817	992-3	1852	1027-8	1888	1063-4	1924	1099-1100
1818	993-4	1853	1028-9	1889	1064-5	1925	1100-1101
1819	994-5	1854	1029-0	1890	1065-6	1926	1101-1102
1820	995-6	1855	1030-1	1891	1066-7	1927	1102-1103
1821	996-7	1856	1031-2	1892	1067-8	1928	1103-1104
1822	997-8	1857	1032-3	1893	1068-9	1929	1104-1105
1823	998-9	1858	1033-4	1894	1069-0	1930	1105-1106
1824	999-0	1859	1034-5	1895	1070-1	1931	1106 1107
1825	1000 1	1860	1035-6	1896	1071-2	1932	1107-1108
1826	1001-2	1861	1036-7	1897	1072-3	1933	1108-1109
1827	1002-3	1862	1037-8	1898	1073-4	1934	1109-1110
1828	1003-4	1863	1038-9	1899	1074-5	1935	1110-1111
1829	1004-5	1864	1039-0	1900	1075-6	1936	1111-1112
1830	1005-6	1865	1040-1	1901	1076-7	1937	1112-1113
1831	1006-7	1866	1041-2	1902	1077-8	1938	1113-1114
1832	1007-8	1867	1042-3	1903	1078-9	1939	1114-1115
1833	1008-9	1868	1043-4	1904	1079-0	1940	1115-1116
1834	1009-0	1869	1044-5	1905	1080-1	1941	1116-1117
		1870	1045-6	1906	1081-2	1942	1117-1118
						1943	1118-1119

Astronomical Constants.

Solar Parallax	...	8".80
Semi-diameter of the Sun at unit distance	...	15′ 59"·63
Do. Do. in miles	...	432196·0
Constant of Nutation	...	9".21
Constant of Aberration	...	20"·47
Moon's Equatorial Horizontal Parallax	...	57′ 2".7
Semi-diameter of the Moon at unit distance	...	15′ 32"·58
Do. Do. in miles	...	1079·9
Mass of the Moon	...	1/27158000 × Sun's mass
Obliquity of Ecliptic for 1943	...	23° 26′ 48"·12
General Precession for 1943	...	50"·2660 ,,
Mean distance of the Earth from the Sun	...	1 Astronomical Unit = 92897416 statute miles.
Mean distance of the Moon from the Earth	...	238857 statute miles.
Length of the year :—		Days.
Tropical (Equinox to Equinox)	...	365·24219879
Sidereal	...	365·25636042
Anomalistic (Perihelion to Perihelion)	...	365·25964134

Length of the Month :—		*d.*	*h.*	*m.*	*s.*
Synodic (New Moon to New Moon)	...	29	12	44	2·8
Tropical (Equinox to Equinox)	...	27	7	43	4·7
Sidereal	...	27	7	43	11·5
Anomalistic (Perigee to Perigee)	...	27	13	18	33·1

Length of the day :—		*h.*	*m.*	*s.*	
Sidereal	...	23	56	4·091	of mean solar time.
Mean Solar	...	24	3	56·555	of sidereal time.

Earth's mean orbital speed	...	18·496 miles per second.
Dimensions of the Earth :—		
Equatorial radius	...	3963·34 statute miles.
Polar Radius	...	3949·99 statute miles.
Solar Motion	...	12·1 Miles per second.
Sun's stellar Magnitude	...	26·7 m.
Light Year	...	63290 astronomical units.

Light travels 1 astronomical unit in 498·6 seconds.

CALENDAR FOR 1943 A. D.—1118-1119 M. E.

January—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Fri.	Dhanu or Margali. 1118	17	Margaseersha.	9	14	New year begins, January 1943. New Year's day.
2	Satur.		18		11	15	
3	Sun.		19		12	16	
4	Mon.		20		13	17	
5	Tues.		21		14	19	
6	Wed.		22		●	20	New Moon Sraddha.
7	Thurs.		23		1	21	Pousha month begins.
8	Fri.		24		2	22	
9	Satur.		25		3	23	H. H. The First Prince's Birthday
10	Sun.		26		4	24	
11	Mon.		27		5	25	
12	Tues.		28		6	26	
13	Wed.		29		7	27	
14	Thurs.		1		8	1	Uttarayana Punniakalam. Uttarayana begins. Tai Pongal Makara Siveli at Trivandrum.
15	Fri.	Makaram or Tai.	2		9	2	Mattu Pongal.
16	Satur.		3		10	3	
17	Sun.		4		11	4	
18	Mon.		5		12	5	
19	Tues.		6		13	6	
20	Wed		7		14	6	
21	Thurs.		8		⊙	7	
22	Fri.		9		1	8	Tai Pooyam.
23	Satur.		10		2	9	
24	Sun.		11	Pousha.	3	10	
25	Mon.		12		4	11	
26	Tues.		13		5	12	
27	Wed.		14		6	13	
28	Thurs.		15		7	14	
29	Fri.		16		8	15	
30	Satur.		17		9	16	
31	Sun.		18		10	17	

February—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Mon.		19	Pousha	11	18	
2	Tues.		20		12	19	
3	Wed.		21		13	20	Vavu Orikkal
4	Thurs.		22		14	21	New Moon Śraddha. Vavu Beli
5	Fri.		23		1	22	Magha month begins
6	Satur.		24		2	23	
7	Sun.	Makaram or Tai.	25		3	25	
8	Mon.		26		4	26	
9	Tues.		27		5	27	
10	Wed.		28		6	1	
11	Thurs.		29		7	2	Ratha Saptami
12	Fri.		30		8	3	
13	Satur.		1		9	3	
14	Sun.		2		10	4	
15	Mon.	1118	3		11	5	
16	Tues.		4		12	6	
17	Wed.		5	Magha.	12	7	
18	Thurs.		6		13	8	
19	Fri.		7		14	9	
20	Satur.		8		⊕	10	
21	Sun.		9		1	11	
22	Mon.		10		2	12	
23	Tues.		11		3	13	
24	Wed.	Kumbham or Masi.	12		4	14	
25	Thurs.		13		5	15	Ashtakakala begins
26	Fri.		14		6	16	
27	Satur.		15		7	17	Ashtami at Vaikom
28	Sun.		16		8	18	

March—1943.

Date.	Week.	Malabar Date.	Lunar month and Thithi.	Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Mon.	17	10	19	
2	Tues.	18	11	20	
3	Wed.	19	12	21	
4	Thurs.	20	13	22	Sivaratri Vritham.
5	Fri.	21	14	23	
6	Satur.	22	●	24	New Moon Sraddha. Kaliyugadi.
7	Sun.	23	1	25	Phalguna month begins.
8	Mon.	24	2	26	
9	Tues.	25	3	27	
10	Wed.	26	4	1	
11	Thurs.	27	5	2	H. H. The Fourth Princess's Birthday.
12	Fri.	28	6	3	
13	Satur.	29	7	4	
14	Sun.	1	8	5	
15	Mon.	2	9	6	
16	Tues.	3	10	7	
17	Wed.	4	11	8	
18	Thurs.	5	12	9	
19	Fri.	6	13	10	
20	Satur.	7	14	10	
21	Sun.	8	⊙	11	
22	Mon.	9	1	12	
23	Tues.	10	2	13	
24	Wed.	11	3	14	
25	Thurs.	12	4	15	
26	Fri.	13	5	16	
27	Satur.	14	6	17	
28	Sun.	15	7	18	
29	Mon.	16	8	20	
30	Tues.	17	9	21	H. H. The Elaya Raja's Birthday.
31	Wed.	18	10	22	

Kumbham or Masi. 1118 Meenam or Panguni.

Magha. Phalguna.

April—1943.

Date.	Week.	Malabar Date.	Lunar month and Thithi.	Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Thurs.	19	Phalguna. 11	23	
2	Fri.	20	12	24	
3	Satur.	21	13	25	
4	Sun.	22	●	26	New Moon Sraddha.
5	Mon.	23	1	27	Swarbhanu year begins. Chaitra Month begins. Yugadi Pandika.
6	Tues.	24	2	1	
7	Wed.	25	3	2	Meena Bharani
8	Thurs.	26	4	3	
9	Fri.	27	5	4	Utsavam at Trivandrum begins.
10	Satur.	28	6	5	
11	Sun.	29	6	6	
12	Mon.	30	7	7	
13	Tues.	31	8	7	Vishu Punniakalam
14	Wed.	1	9	8	Vishu. Sri Rama Navami.
15	Thurs.	2	10	9	
16	Fri.	3	11	10	
17	Satur.	4	12	11	
18	Sun.	5	13	12	Arat at Trivandrum.
19	Mon.	6	14	13	
20	Tues.	7	⊙	14	Chitragupta Pooja. Chitra Pournima.
21	Wed.	8	1	15	
22	Thurs.	9	2	16	
23	Fri.	10	3	17	
24	Satur.	11	4	18	
25	Sun.	12	5	19	
26	Mon.	13	6	20	
27	Tues.	14	8	21	
28	Wed.	15	9	22	
29	Thurs.	16	10	23	
30	Fri.	17	11	25	

Meenam or Panguni. 1118 Medam or Chithirai.

Chaitra.

May—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Satur.		18	Chaitra	12	26	
2	Sun.		19		13	27	
3	Mon.		20		14	1	
4	Tues.		21		●	2	New Moon Sraddha.
5	Wed.		22		1	3	Vaisakha month begins.
6	Thurs.		23		2	4	
7	Fri.	Medam or Chithirai.	24		3	4	Akshaya Triteeya. Krithayugadi.
8	Satur.		25		4	5	
9	Sun.		26		5	6	
10	Mon.		27		6	7	
11	Tues.		28		7	8	Agni Nakshatra Dosha begins.
12	Wed.		29		8	9	
13	Thurs.		30		9	10	
14	Fri.		31		10	11	
15	Satur.		1		10	12	
16	Sun.	1118	2		11	13	
17	Mon.		3		12	14	
18	Tues.		4	Vaisakha.	13	15	
19	Wed.		5		⊕	16	
20	Thurs.		6		1	17	
21	Fri.		7		2	18	
22	Satur.		8		3	19	
23	Sun.		9		4	20	
24	Mon.		10		5	21	Agni Nakshatra Dosha ends
25	Tues.		11		6	22	
26	Wed.		12		7	23	
27	Thurs.		13		8	24	
28	Fri.	Idavam or Vaikasi.	14		9	25	
29	Satur		15		10	26	
30	Sun.		16		12	27	
31	Mon.		17		13	1	

June--1943.

Date.	Week.	Malabar Date		Lunar month and Thithi.		Star or Naksha-tra.	Principal Fasts, Festivals, etc.
1	Tues.	Idavam or Vaikasi.	18	Vaisakha	14	2	
2	Wed.		19		●	3	New Moon Sraddha. His Majesty the King Emperor's Birthday.
3	Thurs.		20		1	4	Jaishta month begins.
4	Fri.		21		1	5	
5	Satur.		22		2	6	
6	Sun.		23		3	7	
7	Mon.		24		4	8	
8	Tues.		25		5	9	
9	Wed.		26		6	10	
10	Thurs.		27		7	11	
11	Fri.		28		8	11	
12	Satur.		29		9	12	
13	Sun.	1118	30		10	13	
14	Mon.		31		11	14	
15	Tues.		1		12	15	
16	Wed.		2		13	16	
17	Thurs.		3		14	17	
18	Fri.		4		○	18	
19	Satur.		5		1	20	
20	Sun.	Mithunam or Ani.	6	Jaishta.	2	21	
21	Mon.		7		4	22	Ardra Pravesam
22	Tues		8		5	23	
23	Wed.		9		6	24	
24	Thurs.		10		7	25	
25	Fri.		11		8	26	
26	Satur.		12		9	27	
27	Sun.		13		10	1	
28	Mon.		14		11	2	
29	Tues.		15		12	3	
30	Wed.		16		13	4	

July—1943.

Date.	Week.	Malabar Date.	Lunar month and Thithi.	Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Thurs.	17	Mithuna 14	5	
2	Fri.	18	●	6	New Moon Sraddha.
3	Satur.	19	1	7	Ashadha month begins.
4	Sun.	20	2	8	
5	Mon.	21	3	8	
6	Tues.	22	4	9	
7	Wed.	23	5	10	
8	Thurs.	24	6	11	
9	Fri.	25	7	12	
10	Satur.	26	8	13	
11	Sun.	27	8	14	
12	Mon.	28	10	15	
13	Tues.	29	11	16	
14	Wed.	30	12	17	
15	Thurs.	31	13	18	
16	Fri.	32	14	19	Dakshinayana Punniakalam. Dakshinayana begins. Karkataka Seeveli at Trivandrum.
17	Satur.		⊗	20	Yajurvedi Upakarmam.
18	Sun.	2	1	21	
19	Mon.	3	2	22	
20	Tues.	4	3	23	
21	Wed.	5	4	25	
22	Thurs.	6	5	26	
23	Fri.	7	6	27	
24	Satur.	8	8	1	
25	Sun.	9	9	2	
26	Mon.	10	10	3	
27	Tues.	11	11	4	
28	Wed.	12	12	5	
29	Thurs.	13	13	5	
30	Fri.	14	13	6	Vavu Orikkal.
31	Satur.	15	14	7	New Moon Sraddha. Vavu Bali.

Mithunam or Ani. Karkatakam or Adi. Ashadha.

August—1943.

Date.	Week.	Malabar Date.	Lunar month and Thithi.	Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Sun.	16	●	8	
2	Mon.	17	1	9	Sravana month begins.
3	Tues.	18	2	10	
4	Wed.	19	3	11	
5	Thurs.	20	4	12	
6	Fri.	21	5	13	
7	Satur.	22	6	14	
8	Sun.	23	7	15	
9	Mon.	24	8	16	
10	Tues.	25	9	17	
11	Wed.	26	10	18	
12	Thurs.	27	11	19	
13	Fri.	28	12	20	Varalakshmi Vritham.
14	Satur.	29	13	21	
15	Sun.	30	⊙	22	Lunar Eclipse.
16	Mon.	31	1	23	Gayatrijapam. Adi Aruthi.
17	Tues.	1	2	24	Avani Pirappu.
18	Wed.	2	3	25	
19	Thurs.	3	4	26	
20	Fri.	4	5	27	
21	Satur.	5	6	1	
22	Sun.	6	7	2	Ashtami Rohini Vritham.
23	Mon.	7	8	3	
24	Tues.	8	9	4	
25	Wed.	9	10	5	
26	Thurs.	10	11	6	
27	Fri.	11	12	7	
28	Satur.	12	13	8	H. H. The Sixth Princess's Birthday
29	Sun.	13	14	9	
30	Mon.	14	●	10	New Moon Sraddha
31	Tues.	15	1	11	Proshtapada month begins.

Karkatakam or Adi 1118. Sravana.

Chingam or Avani 1119.

September—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Wed.		16		2	12	
2	Thurs.		17		3	12	
3	Fri.		18		4	13	Vinayaka Chathurthi.
4	Satur.		19		5	14	Rishi Panchami Vritham.
5	Sun.	Chingam or Avani.	20		6	15	
6	Mon.		21		7	16	
7	Tues.		22		8	17	
8	Wed.		23		9	18	
9	Thurs.		24		10	20	
10	Fri.		25		11	21	First Onam.
11	Satur.		26		12	22	Thiru Onam Rigvedi Upakarmam
12	Sun.		27		13	23	Third Onam
13	Mon.		28		14	24	Anantha Vritham. Fourth Onam
14	Tues.		29		☉	25	Mahalayapaksha begins. Fifth Onam.
15	Wed.	1119	30		1	26	
16	Thurs.		31		2	27	
17	Fri.		1		4	1	
18	Satur.		2		5	2	
19	Sun.	Kanni or Purattasi.	3	Proshtapada.	6	3	Ashtakakala begins.
20	Mon.		4		7	4	
21	Tues.		5		8	5	
22	Wed.		6		9	6	
23	Thurs.		7		9	7	
24	Fri.		8		10	8	
25	Satur.		9		11	9	
26	Sun.		10		12	9	Dwapara yugadi.
27	Mon.		11		13	10	
28	Tues.		12		14	11	
29	Wed.		13		●	12	New Moon Sraddha. Mahalaya Amavasi. Mahalaya Paksha ends. Pooja vaippu.
30	Thurs.		14		1	13	Asvina month begins.

October—1943.

Date.	Week.	Malabar Date.	Lunar month and Thithi.	Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Fri.	15	2	14	
2	Satur.	16	3	15	
3	Sun.	17	4	16	
4	Mon.	18	5	17	
5	Tues.	19	6	18	
6	Wed.	20	7	19	Durgashtami
7	Thurs.	21	8	20	Maha Navami.
8	Fri.	22	9	21	Vijaya Dasami. Pooja Eduppu.
9	Satur.	23	10	22	
10	Sun.	24	12	23	
11	Mon.	25	13	25	
12	Tues.	26	14	26	
13	Wed.	27	⊕	27	
14	Thurs.	28	1	1	
15	Fri.	29	2	2	
16	Satur.	30	3	3	H. H. The First Princess's Birthday.
17	Sun.	31	4	4	
18	Mon.	1	5	5	
19	Tues.	2	6	6	
20	Wed.	3	7	6	
21	Thurs.	4	8	7	
22	Fri.	5	9	8	
23	Satur.	6	10	9	
24	Sun.	7	11	10	
25	Mon.	8	12	11	
26	Tues.	9	12	12	
27	Wed.	10	13	13	Deepavali at night Naraka Chathurda i Utsavam at Trivandrum begins. Karikku Vettu
28	Thurs.	11	14	14	H. H. The Maha-Raja's Birthday.
29	Fri.	12	●	15	New Moon Sraddha.
30	Satur	13	1	16	Karthika month begins
31	Sun.	14	2	17	

Kanni or Purattasi, 1119 — Asvina.

Thulam or Alpasi — Karthika

November—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Naksha-tra.	Principal Fasts, Festivals, etc.
1	Mon.		15		3	18	
2	Tues.		16		5	19	Birthday of Her Highness Maha Rani Setu Parvati Bayi.
3	Wed.		17		6	20	Skanda Shashti vritham
4	Thurs.		18		7	21	
5	Fri.		19		8	22	Arat at Trivandrum.
6	Satur.		20		9	23	Tretayugadi.
7	Sun.	Thulam or Alpasi.	21		10	24	
8	Mon.		22		11	25	
9	Tues.		23		12	26	
10	Wed.		24		13	27	
11	Thurs.		25		14	1	
12	Fri.		26		⊕	2	
13	Satur.		27		1	3	H.H. The Third Princess's Birthday. Temple Entry Proclamation Day.
14	Sun.	1119	28	Karthika.	2	4	
15	Mon.		29		3	5	
16	Tues.		30		4	6	
17	Wed.		1		5	7	
18	Thurs.		2		6	8	
19	Fri.		3		7	9	
20	Satur.		4		8	10	Ashtami at Vaikom.
21	Sun.	Vrischigam or Karthika.	5		9	11	
22	Mon.		6		10	12	
23	Tues.		7		11	13	
24	Wed.		8		12	14	
25	Thurs.		9		13	14	
26	Fri.		10		14	15	
27	Satur.		11		●	16	New Moon Sraddha.
28	Sun.		12		1	17	Margaseersha Month begins
29	Mon.		13		2	18	
30	Tues.		14		3	20	H. H. The Senior Maharani's Birthday.

DECEMBER—1943.

Date.	Week.	Malabar Date.		Lunar month and Thithi.		Star or Nakshatra.	Principal Fasts, Festivals, etc.
1	Wed.		15		4	21	
2	Thurs.		16		5	22	
3	Fri.		17		6	23	
4	Satur.		18		7	24	
5	Sun.	Vrischigam or Karthika.	19	Margaseersha.	8	25	
6	Mon.		20		10	26	
7	Tues.		21		11	27	Guruvayoor Ekadasi.
8	Wed.		22		12	1	
9	Thurs.		23		13	2	
10	Fri.		24		14	3	Thrikkarthika
11	Satur.		25		☽	4	
12	Sun.		26		1	5	
13	Mon.		27		2	6	
14	Tues.		28		3	7	
15	Wed.		29		4	8	
16	Thurs.		1		5	9	
17	Fri.	1119	2		5	10	
18	Satur.		3		6	10	
19	Sun.		4		7	11	
20	Mon.		5		8	12	H. H. The Second Princess's Birthday.
21	Tues.		6		9	13	
22	Wed.		7		10	14	
23	Thurs.		8		11	15	
24	Fri.		9		12	16	
25	Satur.	Dhanu or Margali.	10		13	17	
26	Sun.		11		14	18	New Moon Sraddha.
27	Mon.		12		●	19	
28	Tues.		13	Pousha.	1	20	Pousha month begins.
29	Wed.		14		2	21	
30	Thurs.		15		4	22	H. H. The First Prince's Birthday.
31	Fri.		16		5	23	

JANUARY—1943.

Day of Week.	Day of Month.	Malabar Date. 1118.	Day of Year.	Sun. Rising.	Sun. Setting.	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M	Equation of Time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	° ′ S	° ′	m. s. +
Fri.	1	17	1	7 37·0	7 13·5	18 42	23 5	279 43	3 6
Sat.	2	18	2	7 37·5	7 14·0	18 47	23 1	280 45	3 35
Sun.	3	19	3	7 37·8	7 14·6	18 51	22 56	281 46	4 3
Mon.	4	20	4	7 38·2	7 15·1	18 56	22 50	282 47	4 31
Tues.	5	21	5	7 38·6	7 15·6	19 0	22 44	283 48	4 59
Wed.	6	22	6	7 39·0	7 16.1	19 4	22 37	284 49	5 26
Thurs.	7	23	7	7 39·4	7 16·6	19 9	22 30	285 50	5 52
Fri.	8	24	8	7 39·7	7 17·1	19 13	22 23	286 52	6 19
Sat.	9	25	9	7 40·1	7 17·7	19 18	22 15	287 53	6 44
Sun.	10	26	10	7 40·5	7 18·2	19 22	22 7	288 54	7 10
Mon.	11	27	11	7 40·8	7 18·7	19 26	21 58	289 55	7 34
Tues.	12	28	12	7 41·1	7 19.2	19 31	21 49	290 56	7 58
Wed.	13	29	13	7 41·3	7 19·7	19 35	21 39	291 57	8 22
Thurs.	14	1	14	7 41·6	7 20·[illegible]	19 39	21 29	292 59	8 45
Fri.	15	2	15	7 41·8	7 20·7	19 44	21 19	294 0	9 7
Sat.	16	3	16	7 42·1	7 21·2	19 48	21 8	295 1	9 28
Sun.	17	4	17	7 42·3	7 21.6	19 52	20 57	296 2	9 49
Mon.	18	5	18	7 42·5	7 22.0	19 56	20 45	297 3	10 9
Tues.	19	6	19	7 42·7	7 22·5	20 1	20 33	298 4	10 29
Wed.	20	7	20	7 42·9	7 23·0	20 5	20 21	299 5	10 47
Thurs.	21	8	21	7 43.0	7 23·4	20 9	20 8	300 6	11 5
Fri.	22	9	22	7 43·2	7 23·8	20 13	19 55	301 7	11 22
Sat.	23	10	23	7 43·3	7 24·2	20 18	19 41	302 8	11 39
Sun.	24	11	24	7 43·4	7 24·7	20 22	19 28	303 9	11 54
Mon.	25	12	25	7 43·5	7 25·0	20 26	19 13	304 10	12 9
Tues.	26	13	26	7 43·6	7 25·4	20 30	18 59	305 11	12 23
Wed.	27	14	27	7 43·6	7 25·7	20 34	18 44	306 12	12 37
Thurs.	28	15	28	7 43·7	7 26·1	20 39	18 28	307 13	12 49
Fri.	29	16	29	7 43.7	7 26·5	20 43	18 13	308 14	13 1
Sat.	30	17	30	7 43·7	7 26·8	20 47	17 57	309 15	13 12
Sun.	31	18	31	7 43·7	7 27·2	20 51	17 41	310 16	13 22

Dhanu or Margali.

Makaram or Tai.

JANUARY—1943.

Day of Month.	Moon. Age at 7 hour A. M.	Rising.	Setting.	Right Ascension at 7 A.M.	Declination at 7 A. M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	D	h. m. A. M.	h. m. P. M.	h. m.	° ′ S	° ′	H m. s.	H m. s.
							18	17
1	23·9	2 15	2 31	13 39	5 30	204 50	40 13	18 55
2	24·9	3 7	3 20	14 31	9 41	218 31	44 10	14 59
3	25·9	4 3	4 13	15 27	13 28	232 42	48 6	11 3
4	26·9	5 3	5 9	16 26	16 33	247 20	52 3	7 7
5	27·9	6 5	6 11	17 28	18 37	262 21	55 59	3 11
								16
6	28·9	7 8	7 14	18 32	19 23	277 36	59 56	59 15
							19	
7	0·5	8 12	8 18	19 37	18 45	292 54	3 53	55 19
8	1·5	9 12	9 20	20 40	16 45	308 4	7 49	51 23
9	2·5	10 9	10 19	21 41	13 39	322 58	11 46	47 27
10	3·5	11 1	11 15	22 38	9 47	337 28	15 42	43 31
11	4·5	11 50	...	23 33	5 23	351 32	19 39	39 35
		P. M.	A. M.					
12	5·5	0 35	0 8	0 24	1 1	5 8	23 35	35 39
					N			
13	6·5	1 19	0 59	1 14	3 20	18 19	27 32	31 44
14	7·5	2 3	1 48	2 3	7 25	31 8	31 29	27 48
15	8·5	2 46	2 37	2 51	11 4	43 38	35 25	23 52
16	9·5	3 30	3 24	3 39	14 10	55 53	39 22	19 56
17	10·5	4 15	4 12	4 28	16 37	67 58	43 18	16 0
18	11·5	5 1	5 0	5 18	18 20	79 55	47 15	12 4
19	12·5	5 48	5 49	6 8	19 14	91 47	51 11	8 8
20	13·9	6 36	6 37	6 58	19 18	103 37	55 8	4 12
21	14·5	7 25	7 23	7 48	18 30	115 27	59 4	0 16
							20	15
22	15·5	8 14	8 10	8 37	16 55	127 18	3 1	56 20
23	16·5	9 0	8 54	9 26	14 34	139 13	6 58	52 24
24	17·5	9 48	9 38	10 14	11 35	151 14	10 54	48 29
25	18·5	10 35	10 19	11 1	8 4	163 23	14 51	44 33
26	19·5	11 21	11 2	11 49	4 11	175 42	18 47	40 37
27	20·5	...	11 44	12 36	0 3	188 15	22 44	36 41
		A. M.	P. M.		S			
28	21·5	0 10	0 27	13 24	4 10	201 5	26 40	32 45
29	22·5	1 0	1 13	14 15	8 17	214 15	30 37	28 49
30	23·5	1 53	2 1	15 7	12 6	227 47	34 33	24 53
31	24·5	2 48	2 54	16 3	15 22	241 44	38 30	20 57

JANUARY—1943.

Day of Month.	Mercury.			Venus.			Mars.		
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M	Rising.	Setting.	Longitude Geocentric. at 7 A. M
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	8 54	8 26		8 28	7 59		5 36	5 8	
2	8 56	8 28		8 30	8 1		5 36	5 7	
3	8 58	8 30		8 31	8 2		5 35	5 7	
4	8 59	8 32		8 32	8 4		5 34	5 6	
5	9 0	8 34		8 33	8 5		5 33	5 5	
6	9 1	8 36		8 35	8 7		5 32	5 4	
7	9 2	8 37		8 36	8 8		5 32	5 3	
8	9 2	8 37	304·2	8 37	8 10	299·3	5 31	5 2	255·7
9	9 2	8 38		8 38	8 12		5 30	5 1	
10	9 1	8 38		8 39	8 13		5 29	5 0	
11	9 0	8 37		8 40	8 14		5 28	4 59	
12	8 58	8 36		8 42	8 16		5 28	4 58	
13	8 56	8 34		8 43	8 17		5 27	4 57	
14	8 53	8 32		8 44	8 19		5 26	4 57	
15	8 49	8 28		8 45	8 20		5 25	4 56	
16	8 45	8 24		8 46	8 22		5 24	4 55	
17	8 39	8 19		8 47	8 23		5 24	4 54	
18	8 34	8 14	308·1	8 48	8 25	311·7	5 23	4 53	262·7
19	8 27	8 7		8 48	8 26		5 22	4 52	
20	8 19	8 0		8 49	8 27		5 21	4 51	
21	8 11	7 52		8 50	8 29		5 22	4 51	
22	8 3	7 44		8 51	8 30		5 20	4 50	
23	7 54	7 35		8 52	8 31		5 19	4 49	
24	7 45	7 26		8 53	8 32		5 18	4 48	
25	7 36	7 17		8 53	8 34		5 18	4 47	
26	7 27	7 7		8 54	8 35		5 17	4 47	
27	7 18	6 58		8 55	8 36		5 16	4 46	
28	7 10	6 49	302·5	8 55	8 37	324·5	5 15	4 45	269·9
29	7 2	6 41		8 56	8 38		5 15	4 44	
30	6 54	6 33		8 57	8 40		5 14	4 44	
31	6 47	6 26		8 57	8 41		5 13	4 43	

JANUARY—1943.

Day of Month.	Jupiter.			Saturn.		Uranus.		Neptune.	
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting	Rising.	Setting.	Rising.	Setting.
	h. m. P. M.	h. m. A. M.	°	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. A. M.	h. m. P. M.
1	7 59	8 31		4 49	5 18	4 24	4 53	0 52	0 53
2	7 54	8 27		4 45	5 13	4 20	4 49	0 48	0 49
3	7 50	8 22		4 41	5 9	4 16	4 45	0 45	0 45
4	7 45	8 18		4 36	5 5	4 12	4 41	0 40	0 41
5	7 41	8 13		4 32	5 1	4 8	4 37	0 37	0 37
6	7 36	8 9		4 28	4 57	4 4	4 33	0 33	0 33
7	7 32	8 4		4 24	4 52	4 0	4 29	0 29	0 29
8	7 27	8 0	108·7	4 20	4 48	3 56	4 25	0 25	0 25
9	7 23	7 55		4 16	4 44	3 52	4 21	0 19	0 21
10	7 18	7 51		4 11	4 40	3 48	4 17	0 16	0 17
11	7 14	7 46		4 7	4 36	3 44	4 13	0 13	0 14
12	7 9	7 42		4 3	4 32	3 40	4 9	0 9	0 10
13	7 5	7 37		3 59	4 28	3 36	4 5	0 5	0 6
14	7 0	7 33		3 55	4 24	3 32	4 1	0 1 P. M. / 11 57	0 2 A. M.
15	6 56	7 28		3 51	4 19	3 27	3 57	11 53	11 58
16	6 51	7 24		3 47	4 15	3 23	3 53	11 49	11 54
17	6 47	7 19		3 43	4 11	3 19	3 49	11 45	11 50
18	6 42	7 15	107·4	3 39	4 7	3 15	3 45	11 41	11 46
19	6 38	7 10		3 35	4 3	3 11	3 41	11 37	11 42
20	6 33	7 6		3 31	3 59	3 7	3 37	11 33	11 38
21	6 29	7 1		3 26	3 55	3 3	3 33	11 29	11 34
22	6 24	6 57		3 22	3 51	2 59	3 29	11 26	11 30
23	6 20	6 52		3 18	3 47	2 55	3 25	11 22	11 26
24	6 15	6 48		3 14	3 43	2 52	3 21	11 18	11 22
25	6 11	6 43		3 10	3 39	2 48	3 17	11 13	11 18
26	6 6	6 39		3 6	3 35	2 44	3 13	11 10	11 14
27	6 2	6 35		3 2	3 31	2 40	3 9	11 6	11 10
28	5 57	6 30	106·1	2 58	3 27	2 36	3 5	11 2	11 6
29	5 53	6 26		2 54	3 23	2 32	3 1	10 58	11 2
30	5 48	6 21		2 50	3 19	2 28	2 57	10 54	10 58
31	5 44	6 17		2 46	3 15	2 24	2 53	10 50	10 54

FEBRUARY—1943.

Day of Week.	Day of Month	Malabar Date. 1118.	Day of Year.	Sun Rising.	Sun Setting.	Sun Right Ascension at 7 A. M.	Sun Declination at 7 A. M.	Sun Longitude at 7 A. M.	Equation of Time at 7 A. M.
				h. m. A. M	h. m. P. M.	h. m.	° ′ S.	° ′	m. s. +
Mon	1	19	32	7 43·7	7 27·5	20 55	17 24	311 17	13 31
Tues.	2	20	33	7 43·7	7 27·9	20 59	17 7	312 18	13 40
Wed.	3	21	34	7 43·6	7 28·2	21 3	16 50	313 19	13 48
Thur.	4	22	35	7 43·5	7 28·5	21 7	16 32	314 19	13 55
Fri.	5	23	36	7 43·4	7 28·7	21 11	16 15	315 20	14 1
Sat.	6	24	37	7 43·3	7 29·0	21 15	15 57	316 21	14 6
Sun.	7	25	38	7 43·2	7 29·2	21 19	15 38	317 22	14 11
Mon.	8	26	39	7 43·1	7 29·5	21 23	15 20	318 23	14 14
Tues.	9	27	40	7 43·0	7 29·8	21 27	15 1	319 24	14 17
Wed.	10	28	41	7 42·8	7 30·0	21 31	14 42	320 24	14 19
Thur.	11	29	42	7 42·6	7 30·1	21 35	14 22	321 25	14 20
Fri.	12	30	43	7 42·4	7 30·3	21 39	14 3	322 26	14 21
Sat.	13	1	44	7 42·2	7 30·5	21 43	13 43	323 26	14 21
Sun.	14	2	45	7 42·0	7 30·7	21 47	13 23	324 27	14 20
Mon.	15	3	46	7 41·8	7 30·9	21 51	13 2	325 28	14 18
Tues.	16	4	47	7 41·6	7 31·1	21 55	12 42	326 28	14 15
Wed.	17	5	48	7 41·3	7 31·2	21 59	12 21	327 29	14 12
Thur.	18	6	49	7 41·0	7 31·4	22 3	12 0	328 29	14 8
Fri	19	7	50	7 40·7	7 31·5	22 6	11 39	329 30	14 3
Sat.	20	8	51	7 40·4	7 31·7	22 10	11 18	330 30	13 57
Sun.	21	9	52	7 40·1	7 31·7	22 14	10 57	331 31	13 51
Mon	22	10	53	7 39·7	7 31·8	22 18	10 35	332 31	13 44
Tues.	23	11	54	7 39·4	7 31·9	22 22	10 13	333 32	13 37
Wed.	24	12	55	7 39·0	7 31·9	22 26	9 51	334 32	13 29
Thur.	25	13	56	7 38·6	7 32·0	22 29	9 29	335 32	13 20
Fri.	26	14	57	7 38·3	7 32·1	22 33	9 7	336 33	13 11
Sat.	27	15	58	7 37·9	7 32·1	22 37	8 45	337 33	13 1
Sun.	28	16	59	7 37·4	7 32·2	22 41	8 22	338 33	12 51

Makaram or Tai.

Kumbham or Masi.

FEBRUARY—1943.

Day of Month.	Moon: Age at 7 hour A. M.	Moon: Rising	Moon: Setting.	Moon: Right Ascension at 7 A. M.	Moon: Declination at 7 A. M.	Moon: Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	d.	h. m. A. M.	h. m. P. M.	h. m.	° ′ S.	° ′	H. m. s.	H. m. s.
							20	15
1	25·5	3 46	3 51	17 2	17 49	256 5	42 26	17 1
2	26·5	4 47	4 51	18 3	19 10	270 46	46 23	13 5
3	27·5	5 49	5 55	19 7	19 11	285 44	50 20	9 9
4	28·5	6 51	6 58	20 10	17 52	300 50	54 16	5 14
5	0·0	7 50	7 59	21 13	15 16	315 56	58 13	1 18
							21	14
6	1·0	8 45	8 59	22 12	11 41	330 51	2 9	57 22
7	2·0	9 37	9 55	23 9	7 27	345 28	6 6	53 26
8	3·0	10 26	10 48	0 4	2 53	359 42	10 2	49 30
					N.			
9	4·0	11 13	11 40	0 56	1 46	13 30	13 59	45 34
10	5·0	11 57	... ...	1 46	5 59	26 51	17 56	41 38
		P. M.	A. M.					
11	6·0	0 42	0 29	2 36	9 53	39 47	21 52	37 42
12	7·0	1 26	1 19	3 25	13 14	52 21	25 49	33 46
13	8·0	2 12	2 8	4 15	15 56	64 37	29 45	29 50
14	9·0	2 57	2 57	5 4	17 52	76 40	33 42	25 54
15	10·0	3 44	3 45	5 54	19 1	88 34	37 38	21 59
16	11·0	4 32	4 33	6 44	19 18	100 23	41 34	18 3
17	12·0	5 21	5 20	7 34	18 47	112 12	45 31	14 7
18	13·0	6 9	6 7	8 24	17 24	124 3	49 28	10 11
19	14·0	6 56	6 51	9 13	15 15	136 0	53 24	6 15
20	15·0	7 45	7 36	10 1	12 25	148 4	57 21	2 19
							22	13
21	16·0	8 33	8 18	10 49	9 1	160 17	1 18	58 23
22	17·0	9 20	9 1	11 37	5 10	172 41	5 14	54 27
23	18·0	10 8	9 44	12 25	1 3	185 17	9 11	50 31
					S.			
24	19·0	10 57	10 27	13 13	3 11	198 6	13 7	46 35
25	20·0	11 48	11 11	14 3	7 20	211 9	17 4	42 39
26	21·0	... ...	11 58	14 54	11 12	224 27	21 0	38 44
		A. M.	P. M.					
27	22·0	0 41	0 48	15 48	14 35	238 1	24 57	34 48
28	23·0	1 38	1 42	16 44	17 12	251 51	28 53	30 52

FEBRUARY—1943.

Day of Month.	Mercury.			Venus.			Mars.		
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising	Setting.	Longitude Geocentric. at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m P. M.	°
1	6 41	6 19		8 58	8 42		5 12	4 42	
2	6 34	6 13		8 58	8 43		5 12	4 41	
3	6 29	6 7		8 59	8 44		5 11	4 41	
4	6 25	6 2		8 59	8 45		5 10	4 40	
5	6 21	5 58		9 0	8 46		5 9	4 39	
6	6 17	5 54		9 0	8 47		5 8	4 38	
7	6 14	5 51	296·7	9 1	8 48	337·0	5 8	4 38	277·0
8	6 11	5 48		9 1	8 49		5 7	4 37	
9	6 9	5 45		9 2	8 50		5 6	4 36	
10	6 7	5 43		9 2	8 51		5 5	4 36	
11	6 6	5 42		9 2	8 52		5 4	4 35	
12	6 5	5 41		9 3	8 53		5 4	4 34	
13	6 4	5 40		9 3	8 54		5 3	4 33	
14	6 3	5 39		9 3	8 55		5 2	4 33	
15	6 3	5 38		9 4	8 56		5 1	4 32	
16	6 3	5 38		9 4	8 57		5 1	4 31	
17	6 3	5 38	300·2	9 4	8 58	349·5	5 0	4 31	284·3
18	6 3	5 39		9 5	8 59		4 59	4 30	
19	6 3	5 39		9 5	9 0		4 58	4 29	
20	6 4	5 40		9 5	9 1		4 57	4 28	
21	6 4	5 41		9 6	9 2		4 57	4 28	
22	6 5	5 42		9 6	9 2		4 56	4 27	
23	6 6	5 43		9 6	9 3		4 55	4 26	
24	6 7	5 44		9 6	9 4		4 54	4 26	
25	6 8	5 45		9 7	9 5		4 53	4 25	
26	6 9	5 47		9 7	9 6		4 52	4 24	
27	6 11	5 48	311·4	9 7	9 7	1·8	4 52	4 24	291·5
28	6 12	5 50		9 7	9 8		4 51	4 23	

FEBRUARY—1943.

Day of Month.	Jupiter.			Saturn.		Uranus.		Neptune.	
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising	Setting.	Rising.	Setting.	Rising.	Setting.
	h. m. P. M.	h. m A. M.	°	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.
1	5 40	6 12		2 42	3 11	2 20	2 49	10 46	10 50
2	5 35	6 8		2 38	3 7	2 16	2 45	10 42	10 46
3	5 31	6 4		2 34	3 3	2 12	2 41	10 38	10 42
4	5 26	5 59		2 30	2 59	2 8	2 37	10 34	10 38
5	5 22	5 55		2 26	2 55	2 4	2 33	10 30	10 34
6	5 18	5 51		2 22	2 51	2 0	2 29	10 26	10 30
7	5 13	5 46	105·0	2 19	2 47	1 56	2 25	10 22	10 26
8	5 9	5 42		2 15	2 43	1 52	2 21	10 18	10 22
9	5 4	5 37		2 11	2 39	1 48	2 17	10 14	10 18
10	5 0	5 33		2 7	2 35	1 44	2 13	10 10	10 14
11	4 56	5 29		2 3	2 31	1 40	2 9	10 6	10 10
12	4 51	5 24		1 59	2 27	1 36	2 5	10 2	10 6
13	4 47	5 20		1 55	2 23	1 32	2 2	9 58	10 2
14	4 43	5 16		1 51	2 20	1 29	1 58	9 54	9 58
15	4 39	5 12		1 47	2 16	1 25	1 54	9 50	9 54
16	4 34	5 7		1 44	2 12	1 21	1 50	9 46	9 50
17	4 30	5 3	104·0	1 40	2 8	1 17	1 46	9 42	9 46
18	4 26	4 59		1 36	2 4	1 13	1 42	9 38	9 42
19	4 22	4 55		1 32	2 0	1 9	1 38	9 34	9 38
20	4 17	4 51		1 28	1 56	1 5	1 34	9 30	9 34
21	4 13	4 46		1 24	1 53	1 1	1 30	9 26	9 30
22	4 9	4 42		1 20	1 49	0 57	1 26	9 22	9 26
23	4 5	4 38		1 17	1 45	0 54	1 23	9 18	9 22
24	4 1	4 34		1 13	1 41	0 50	1 19	9 14	9 18
25	3 57	4 30		1 9	1 37	0 46	1 15	9 10	9 14
26	3 53	4 25		1 5	1 34	0 42	1 11	9 5	9 10
27	3 48	4 21	103·4	1 2	1 30	0 38	1 7	9 1	9 6
28	3 44	4 17		0 58	1 26	0 34	1 3	8 57	9 2

MARCH—1943.

Day of Week.	Day of Month	Malabar Date. 1118.	Day of year.	Sun. Rising.	Sun. Setting.	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	° ′ S	° ′	M. S. +
Mon.	1	17	60	7 37·1	7 32·3	22 45	7 59	339 33	12 40
Tues.	2	18	61	7 36·7	7 32·3	22 49	7 37	340 34	12 28
Wed.	3	19	62	7 36·2	7 32·4	22 52	7 14	341 34	12 16
Thur.	4	20	63	7 35·8	7 32·4	22 56	6 51	342 34	12 4
Fri.	5	21	64	7 35·4	7 32·4	22 59	6 28	343 34	11 51
Sat.	6	22	65	7 34·9	7 32·4	23 3	6 5	344 34	11 38
Sun.	7	23	66	7 34·4	7 32·4	23 7	5 42	345 34	11 24
Mon.	8	24	67	7 34·0	7 32·4	23 11	5 18	346 34	11 10
Tues.	9	25	68	7 33·5	7 32·4	23 14	4 55	347 34	10 56
Wed.	10	26	69	7 33·0	7 32·4	23 18	4 31	348 34	10 41
Thur.	11	27	70	7 32·5	7 32·4	23 22	4 8	349 34	10 26
Fri.	12	28	71	7 32·0	7 32·4	23 25	3 44	350 34	10 10
Sat.	13	29	72	7 31·5	7 32·3	23 29	3 21	351 34	9 54
Sun.	14	1	73	7 31·0	7 32·2	23 33	2 57	352 34	9 38
Mon.	15	2	74	7 30·5	7 32·2	23 36	2 34	353 34	9 21
Tues.	16	3	75	7 30·0	7 32·1	23 40	2 10	354 33	9 4
Wed.	17	4	76	7 29·5	7 32·1	23 44	1 46	355 33	8 47
Thur	18	5	77	7 29·0	7 32·1	23 47	1 23	356 33	8 30
Fri.	19	6	78	7 28·5	7 32·0	23 51	0 59	357 32	8 12
Sat.	20	7	79	7 27·9	7 31·9	23 55	0 35	358 32	7 54
Sun.	21	8	80	7 27·3	7 31·9	23 58	0 11 N	359 32	7 37
Mon.	22	9	81	7 23·8	7 31·8	0 2	0 12	0 31	7 19
Tues.	23	10	82	7 26·2	7 31·7	0 6	0 36	1 31	7 0
Wed.	24	11	83	7 25·8	7 31·7	0 9	1 0	2 30	6 42
Thur.	25	12	84	7 25·3	7 31·6	0 13	1 23	3 30	6 24
Fri.	26	13	85	7 24·7	7 31·5	0 17	1 47	4 29	6 6
Sat.	27	14	86	7 24·1	7 31·4	0 20	2 10	5 28	5 47
Sun.	28	15	87	7 23·6	7 31·4	0 24	2 34	6 28	5 29
Mon.	29	16	88	7 23·1	7 31·4	0 27	2 57	7 27	5 11
Tues.	30	17	89	7 22·6	7 31·3	0 31	3 21	8 26	4 52
Wed.	31	18	90	7 22·0	7 31·2	0 35	3 44	9 26	4 34

KUMBHAM or MASI.

MEENAM or PANGUNI.

MARCH—1943.

Day of Month.	Moon. Age at 7 A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	D	h. m. A. M.	h. m. P. M.	h. m.	° ′	° ′	H M. S.	h m. s
					S		22	13
1	24·0	2 35	2 39	17 43	18 51	265 57	32 50	26 56
2	25 0	3 34	3 38	18 44	19 20	280 18	36 47	23 0
3	26·0	4 35	4 39	19 45	18 33	294 51	40 43	19 4
4	27·0	5 33	5 40	20 46	16 31	309 32	44 40	15 8
5	28·0	6 28	6 40	21 46	13 23	324 15	48 36	11 12
6	29·0	7 22	7 37	22 44	9 25	338 54	52 33	7 16
7	0·6	8 12	8 33	23 40	4 57	353 21	56 29	3 20
							23	12
8	1·6	9 0	9 27	0 33	0 17	7 32	0 26	59 25
					N			
9	2 6	9 48	10 18	1 25	4 16	21 21	4 22	55 29
10	3·6	10 33	11 10	2 17	8 28	34 46	8 19	51 33
11	4·6	11 20	...	3 7	12 8	47 47	12 16	47 37
		P. M.	A. M.					
12	5·6	0 5	0 1	3 58	15 9	60 26	16 12	43 41
13	6·6	0 52	0 49	4 48	17 23	72 46	20 9	39 45
14	7·6	1 39	1 39	5 38	18 49	84 51	24 5	35 49
15	8 6	2 26	2 27	6 29	19 23	96 46	28 2	31 53
16	9 6	3 14	3 14	7 19	19 5	108 35	31 58	27 57
17	10·6	4 3	4 0	8 8	17 57	120 24	35 55	24 1
18	11 6	4 50	4 47	8 58	16 2	132 18	39 51	20 5
19	12·6	5 39	5 31	9 46	13 23	144 19	43 48	16 10
20	13·6	6 26	6 15	10 35	10 6	156 32	47 45	12 14
21	14·6	7 15	6 57	11 23	6 20	168 59	51 41	8 18
22	15·6	8 3	7 41	12 11	2 12	181 41	55 38	4 22
					S			
23	16·6	8 53	8 24	13 0	2 6	194 38	59 34	0 26
							0	11
24	17·6	9 45	9 9	13 50	6 23	207 51	3 31	56 30
25	18·6	10 38	9 56	14 42	10 26	221 17	7 27	52 34
26	19·6	11 33	10 45	15 35	13 59	234 55	11 24	48 38
27	20·6	...	11 38	16 31	16 49	248 43	15 20	44 42
		A. M.	P. M.					
28	21·6	0 29	0 33	17 29	18 42	262 39	19 17	40 46
29	22·6	1 28	1 31	18 28	19 28	276 42	23 13	36 50
30	23·6	2 27	2 30	19 28	19 1	290 51	27 10	32 55
31	24·6	3 24	3 28	20 28	17 22	305 4	31 7	28 59

MARCH—1943.

Day of Month.	Mercury			Venus			Mars		
	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m A. M.	h. m. P. M.	°
1	6 13	5 52		9 7	9 8		4 50	4 22	
2	6 14	5 54		9 8	9 9		4 49	4 21	
3	6 16	5 56		9 8	9 10		4 48	4 21	
4	6 18	5 58		9 8	9 11		4 47	4 20	
5	6 19	6 0		9 8	9 12		4 46	4 19	
6	6 21	6 2		9 9	9 13		4 46	4 19	
7	6 23	6 4		9 9	9 14		4 45	4 18	
8	6 25	6 6		9 9	9 14		4 44	4 17	
9	6 26	6 9	326·8	9 9	9 15	14 0	4 43	4 17	299·1
10	6 28	6 11		9 10	9 16		4 42	4 16	
11	6 30	6 13		9 10	9 17		4 41	4 15	
12	6 32	6 16		9 10	9 18		4 40	4 14	
13	6 33	6 18		9 10	9 19		4 39	4 14	
14	6 35	6 21		9 11	9 20		4 38	4 13	
15	6 37	6 24		9 11	9 20		4 37	4 12	
16	6 39	6 26		9 11	9 21		4 36	4 12	
17	6 41	6 29		9 11	9 22		4 35	4 11	
18	6 43	6 32		9 12	9 23		4 34	4 10	
19	6 45	6 35	344·2	9 12	9 24	26·2	4 33	4 9	306·5
20	6 47	6 38		9 12	9 25		4 32	4 9	
21	6 49	6 40		9 13	9 26		4 31	4 8	
22	6 52	6 44		9 13	9 27		4 30	4 7	
23	6 54	6 47		9 13	9 28		4 29	4 6	
24	6 56	6 50		9 14	9 29		4 28	4 6	
25	6 58	6 53		9 14	9 30		4 27	4 5	
26	7 0	6 56		9 14	9 31		4 26	4 4	
27	7 3	7 0		9 15	9 32		4 25	4 3	
28	7 6	7 3		9 15	9 32		4 24	4 3	
29	7 8	7 7	2·7	9 16	9 34	38 5	4 23	4 2	313·8
30	7 11	7 10		9 16	9 35		4 22	4 1	
31	7 13	7 14		9 17	9 36		4 21	4 0	

MARCH—1943

Day of Month.	Jupiter. Rising.	Jupiter. Setting.	Jupiter. Longitude Geocentric. at 7 A M.	Saturn. Rising.	Saturn. Setting.	Uranus. Rising.	Uranus. Setting.	Neptune. Rising.	Neptune. Setting.
	h. m. P. M.	h. m. A. M.	°	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.
1	3 40	4 13		0 54	1 22	0 30	0 59	8 53	8 58
2	3 36	4 9		0 50	1 19	0 26	0 56	8 49	8 54
3	3 32	4 5		0 46	1 15	0 23	0 52	8 45	8 50
4	3 28	4 1		0 43	1 11	0 19	0 48	8 41	8 46
5	3 24	3 57		0 39	1 7	0 15	0 44	8 37	8 42
6	3 20	3 53		0 35	1 4	0 11	0 40	8 33	8 38
7	3 16	3 49		0 31	1 0	0 7	0 36	8 29	8 34
8	3 12	3 45		0 28	0 56	0 3 A. M.	0 32	8 25	8 30
9	3 8	3 41	103·1	0 24	0 53	11 59	0 29	8 21	8 26
10	3 4	3 37		0 20	0 49	11 56	0 25	8 17	8 22
11	3 0	3 33		0 17	0 45	11 52	0 21	8 13	8 18
12	2 56	3 29		0 13	0 41	11 48	0 17	8 9	8 14
13	2 52	3 25		0 9	0 38	11 44	0 13	8 5	8 10
14	2 48	3 21		0 6	0 34	11 40	0 10	8 1	8 6
15	2 44	3 17		0 2 A. M.	0 30	11 37	0 6	7 57	8 2
16	2 41	3 13		11 58	0 27	11 33	0 2 P. M. / 11 58	7 53	7 58
17	2 37	3 10		11 55	0 23	11 29	11 54	7 49	7 54
18	2 33	3 6		11 51	0 20	11 25	11 51	7 45	7 50
19	2 29	3 2	103·2	11 47	0 16	11 21	11 47	7 41	7 46
20	2 25	2 58		11 44	0 12	11 18	11 43	7 37	7 42
21	2 21	2 54		11 40	0 9	11 14	11 39	7 33	7 38
22	2 18	2 50		11 36	0 5	11 10	11 35	7 29	7 34
23	2 14	2 47		11 33	0 1 P. M. / 11 58	11 6	11 32	7 25	7 30
24	2 10	2 43		11 29	11 54	11 2	11 28	7 21	7 26
25	2 6	2 39		11 26	11 51	10 59	11 24	7 16	7 22
26	2 3	2 35		11 22	11 47	10 55	11 20	7 12	7 18
27	1 59	2 32		11 18	11 44	10 51	11 17	7 8	7 14
28	1 55	2 28		11 15	11 40	10 47	11 13	7 4	7 10
29	1 51	2 24	103·5	11 11	11 36	10 44	11 9	7 0	7 6
30	1 48	2 20		11 8	11 33	10 40	11 5	7 56	7 2
31	1 44	2 17		11 4	11 29	10 36	11 1	7 52	6 58

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Day of Week.	Day of Month	Malabar Date. 1118.	Day of year.	Sun. Rising.	Sun. Setting	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	° ′ N	° ′	M S +
Thur.	1	19	91	7 21·5	7 31·2	0 38	4 7	10 25	4 16
Fri.	2	20	92	7 20·9	7 31·1	0 42	4 31	11 24	3 58
Sat.	3	21	93	7 20·4	7 31·0	0 46	4 54	12 23	3 40
Sun.	4	22	94	7 19·8	7 30·9	0 49	5 17	13 23	3 23
Mon.	5	23	95	7 19·3	7 30·9	0 53	5 40	14 22	3 5
Tues.	6	24	96	7 18·8	7 30·8	0 57	6 3	15 21	2 47
Wed.	7	25	97	7 18·3	7 30·8	1 0	6 25	16 20	2 30
Thur	8	26	98	7 17·7	7 30·7	1 4	6 48	17 19	2 13
Fri.	9	27	99	7 17·2	7 30·6	1 8	7 10	18 18	1 56
Sat.	10	28	100	7 16·8	7 30·6	1 11	7 33	19 17	1 40
Sun.	11	29	101	7 16·3	7 30·6	1 15	7 55	20 16	1 23
Mon.	12	30	102	7 15·7	7 30·5	1 19	8 17	21 15	1 7
Tues.	13	31	103	7 15·2	7 30·5	1 22	8 39	22 13	0 51
Wed	14	1	104	7 14·7	7 30·4	1 26	9 1	23 12	0 36
Thur.	15	2	105	7 14·3	7 30·3	1 30	9 23	24 11	0 20
Fri.	16	3	106	7 13·9	7 30·3	1 33	9 44	25 10	0 5
Sat.	17	4	107	7 13·4	7 30·3	1 37	10 6	26 8	0 9
Sun.	18	5	108	7 12·9	7 30·3	1 41	10 27	27 7	0 24
Mon.	19	6	109	7 12·5	7 30·3	1 44	10 48	28 6	0 37
Tues.	20	7	110	7 12·0	7 30·3	1 48	11 9	29 4	1 51
Wed.	21	8	111	7 11·5	7 30·3	1 52	11 29	30 3	1 4
Thur.	22	9	112	7 11.1	7 30·2	1 56	11 50	31 1	1 17
Fri.	23	10	113	7 10·7	7 30·3	1 59	12 10	32 0	1 29
Sat.	24	11	114	7 10·3	7 30·3	2 3	12 30	32 58	1 41
Sun.	25	12	115	7 9·9	7 30·3	2 7	12 50	33 57	1 52
Mon.	26	13	116	7 9·6	7 30·3	2 11	13 10	34 55	2 3
Tues.	27	14	117	7 9·3	7 30·4	2 14	13 29	35 53	2 13
Wed.	28	15	118	7 8·9	7 30·4	2 18	13 48	36 52	2 23
Thur.	29	16	119	7 8·5	7 30·4	2 22	14 7	37 50	2 32
Fri.	30	17	120	7 8·2	7 30·4	2 26	14 26	38 48	2 41

MEENAM or PANGUNI.

MEDAM or CHITHIRAI.

APRIL—1943

Day of Month.	Moon. Age at 7 hour A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A.M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	D	h. m. A. M.	h. m. P. M.	h. m.	° ′ S	° ′	H. m. s.	H. m. s.
							11	
1	25·6	4 18	4 27	21 26	14 37	319 20	35 3	25 3
2	26·6	5 11	5 24	22 23	10 59	333 36	39 0	21 7
3	27·6	6 1	6 19	23 18	6 44	347 48	42 56	17 11
4	28·6	6 50	7 13	0 12	2 9	1 52	46 53	13 15
					N			
5	0·1	7 37	8 5	1 4	2 29	15 45	50 49	9 19
6	1·1	8 23	8 57	1 56	6 54	29 22	54 46	5 23
7	2·1	9 10	9 48	2 47	10 52	42 41	58 42	1 27
							1	10
8	3·1	9 56	10 39	3 38	14 13	55 39	2 39	57 31
9	4·1	10 43	11 30	4 29	16 49	68 17	6 36	53 36
10	5·1	11 31	...	5 21	18 35	80 38	10 32	49 40
		P. M.	A. M.					
11	6·1	0 19	0 19	6 12	19 28	92 44	14 29	45 44
12	7·1	1 7	1 8	7 2	19 28	104 39	18 25	41 48
13	8·1	1 55	1 54	7 52	18 36	116 29	22 22	37 52
14	9·1	2 43	2 41	8 41	16 55	128 18	26 18	33 56
15	10·1	3 31	3 25	9 30	14 30	140 13	30 15	30 0
16	11·1	4 19	4 9	10 18	11 25	152 17	34 11	26 4
17	12·1	5 6	4 52	11 6	7 47	164 37	38 8	22 8
18	13·1	5 55	5 34	11 54	3 43	177 14	42 5	18 12
					S			
19	14·1	6 43	6 19	12 43	0 37	190 11	46 1	14 16
20	15·1	7 37	7 3	13 33	5 1	203 29	49 58	10 21
21	16·1	8 30	7 50	14 25	9 17	217 6	53 54	6 25
22	17·1	9 26	8 39	15 20	13 8	230 58	57 51	2 29
							2	9
23	18·1	10 23	9 32	16 16	16 18	245 2	1 47	58 33
24	19.1	11 23	10 28	17 15	18 32	259 14	5 44	54 37
25	20·1	...	11 26	18 15	19 37	273 28	9 40	50 41
		A. M.	P. M.					
26	21·1	0 22	0 25	19 15	19 27	287 41	13 37	46 45
27	22·1	1 19	1 24	20 15	18 3	301 51	17 34	42 49
28	23·1	2 15	2 22	21 13	15 38	315 57	21 30	38 53
29	24·0	3 7	3 18	22 9	12 10	329 57	25 27	34 57
30	25·1	3 57	4 11	23 3	8 6	343 51	29 23	31 1

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Day of Month.	Mercury			Venus			Mars		
	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M
	h. m. A. M	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	7 16	7 18		9 17	9 37		4 20	3 59	
2	7 19	7 21		9 18	9 38		4 19	3 59	
3	7 21	7 25		9 18	9 39		4 18	3 58	
4	7 24	7 29		9 19	9 40		4 17	3 57	
5	7 27	7 33		9 19	9 41		4 16	3 56	
6	7 30	7 37		9 20	9 42		4 14	3 55	
7	7 33	7 41		9 21	9 43		4 13	3 55	
8	7 36	7 45	21·2	9 21	9 44	50·5	4 12	3 54	321·5
9	7 39	7 50		9 22	9 45		4 11	3 53	
10	7 42	7 54		9 22	9 47		4 10	3 52	
11	7 45	7 58		9 23	9 48		4 9	3 51	
12	7 48	8 2		9 24	9 49		4 8	3 50	
13	7 52	8 7	30·2	9 25	9 50	56·4	4 6	3 50	325·1
14	7 55	8 11		9 25	9 51		4 5	3 49	
15	7 58	8 15		9 26	9 52		4 4	3 48	
16	8 1	8 19		9 27	9 54		4 3	3 47	
17	8 4	8 23		9 28	9 55		4 2	3 46	
18	8 6	8 27		9 29	9 56		4 1	3 45	
19	8 9	8 30		9 30	9 57		3 59	3 44	
20	8 12	8 34		9 30	9 59		3 58	3 43	
21	8 14	8 37		9 31	10 0		3 57	3 43	
22	8 16	8 40		9 32	10 1		3 56	3 42	
23	8 18	8 43	46·9	9 33	10 2	68·3	3 54	3 41	332·5
24	8 20	8 45		9 34	10 4		3 53	3 40	
25	8 22	8 48		9 35	10 5		3 52	3 39	
26	8 23	8 49		9 36	10 6		3 51	3 38	
27	8 24	8 51		9 37	10 7		3 50	3 37	
28	8 25	8 53		9 38	10 9		3 48	3 36	
29	8 25	8 53		9 39	10 10		3 47	3 35	
30	8 26	8 54		9 40	10 11		3 46	3 34	

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Day of Month.	Jupiter. Rising.	Jupiter. Setting.	Jupiter. Longitude Geocentric at 7 A. M.	Saturn. Rising.	Saturn. Setting.	Uranus. Rising	Uranus. Setting.	Neptune. Rising	Neptune. Setting.
	h. m. P. M.	h. m. A. M.	°	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. P. M.	h. m. A. M.
1	1 40	2 13		11 0	11 26	10 32	10 58	6 48	6 54
2	1 37	2 9		10 57	11 22	10 29	10 54	6 44	6 50
3	1 33	2 6		10 53	11 18	10 25	10 50	6 40	6 46
4	1 30	2 2		10 50	11 15	10 21	10 46	6 36	6 42
5	1 26	1 58		10 46	11 11	10 17	10 43	6 32	6 37
6	1 22	1 55		10 43	11 8	10 13	10 39	6 28	6 33
7	1 19	1 51		10 39	11 5	10 10	10 35	6 24	6 29
8	1 15	1 48	104·2	10 35	11 1	10 6	10 32	6 20	6 25
9	1 12	1 44		10 32	10 57	10 2	10 28	6 16	6 21
10	1 8	1 40		10 28	10 54	9 58	10 24	6 12	6 17
11	1 5	1 37		10 25	10 50	9 55	10 20	6 8	6 13
12	1 1	1 33		10 21	10 47	9 51	10 17	6 4	6 9
13	0 57	1 30	104·7	10 18	10 43	9 47	10 13	6 0	6 5
14	0 54	1 26		10 14	10 40	9 44	10 9	5 56	6 1
15	0 50	1 23		10 11	10 36	9 40	10 5	5 52	5 57
16	0 47	1 19		10 7	10 33	9 36	10 2	5 48	5 53
17	0 43	1 16		10 4	10 29	9 32	9 58	5 44	5 49
18	0 40	1 12		10 0	10 26	9 29	9 54	5 40	5 45
19	0 37	1 9		9 57	10 22	9 25	9 51	5 36	5 41
20	0 33	1 5		9 53	10 19	9 21	9 47	5 32	5 37
21	0 30	1 2		9 50	10 16	9 17	9 43	5 28	5 33
22	0 26	0 58		9 46	10 12	9 14	9 39	5 24	5 29
23	0 23	0 55	105·9	9 43	10 9	9 10	9 36	5 20	5 25
24	0 19	0 51		9 39	10 5	9 6	9 32	5 16	5 21
25	0 16	0 48		9 36	10 2	9 3	9 28	5 12	5 17
26	0 13	0 45		9 33	9 58	8 59	9 25	5 8	5 13
27	0 9	0 41		9 29	9 55	8 55	9 21	5 4	5 9
28	0 6	0 38		9 26	9 51	8 51	9 17	5 0	5 5
29	0 3	0 34		9 22	9 48	8 48	9 14	4 56	5 1
30	A. M. 11 59	0 31		9 19	9 45	8 44	9 10	4 52	4 57

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Day of Week.	Day of Month.	Malabar Date. 1118.	Day of year.	Sun. Rising	Sun. Setting.	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of Time at 7 A. M.
				h. m.	h. m.	h. m.	° ′	° ′	m. s.
				A. M.	P. M.		N.		—
Sat.	1	18	121	7 7·9	7 30·5	2 30	14 45	39 47	2 49
Sun.	2	19	122	7 7·6	7 30·6	2 33	15 3	40 45	2 57
Mon.	3	20	123	7 7·2	7 30·6	2 37	15 21	41 43	3 4
Tues.	4	21	124	7 6·9	7 30·7	2 41	15 39	42 41	3 10
Wed.	5	22	125	7 6·6	7 30·8	2 45	15 57	43 39	3 17
Thur.	6	23	126	7 6·3	7 30·9	2 49	16 14	44 38	3 22
Fri.	7	24	127	7 6·1	7 31·1	2 53	16 31	45 36	3 27
Sat.	8	25	128	7 5·8	7 31·2	2 56	16 47	46 34	3 31
Sun.	9	26	129	7 5·6	7 31·3	3 0	17 4	47 32	3 35
Mon.	10	27	130	7 5·4	7 31·4	3 4	17 20	48 30	3 38
Tues.	11	28	131	7 5·1	7 31·6	3 8	17 36	49 28	3 41
Wed.	12	29	132	7 4·9	7 31·8	3 12	17 52	50 26	3 43
Thur.	13	30	133	7 4·7	7 31·8	3 16	18 7	51 24	3 45
Fri.	14	31	134	7 4·5	7 32·0	3 20	18 22	52 22	3 46
Sat.	15	1	135	7 4·3	7 32·2	3 24	18 36	53 19	3 46
Sun.	16	2	136	7 4·2	7 32·4	3 28	18 51	54 17	3 46
Mon.	17	3	137	7 4·0	7 32·6	3 32	19 5	55 15	3 45
Tues.	18	4	138	7 3·9	7 32·8	3 36	19 19	56 13	3 44
Wed.	19	5	139	7 3·8	7 32·9	3 40	19 32	57 11	3 42
Thur.	20	6	140	7 3·7	7 33.1	3 44	19 45	58 8	3 40
Fri.	21	7	141	7 3·6	7 33·3	3 48	19 58	59 6	3 37
Sat	22	8	142	7 3·5	7 33·4	3 52	20 10	60 4	3 34
Sun.	23	9	143	7 3·5	7 33·6	3 56	20 22	61 1	3 30
Mon	24	10	144	7 3·4	7 33·9	4 0	20 34	61 59	3 25
Tues	25	11	145	7 3·4	7 34·1	4 4	20 45	62 57	3 20
Wed.	26	12	146	7 3·3	7 34·3	4 8	20 56	63 54	3 15
Thur.	27	13	147	7 3·3	7 34.5	4 12	21 7	64 52	3 9
Fri.	28	14	148	7 3·3	7 34·7	4 16	21 17	65 50	3 2
Sat.	29	15	149	7 3·3	7 35·0	4 20	21 27	66 47	2 55
Sun.	30	16	150	7 3·2	7 35·2	4 24	21 36	67 45	2 47
Mon.	31	17	151	7 3·2	7 35.5	4 28	21 46	68 42	2 39

Medam or Chithirai.

Edavam or Vaikasi.

MAY—1943.

Day of Month.	Moon. Age at 7 A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	d	h. m.	h. m.	h. m.	° ′	° ′	h. m. s.	h. m. s.
		A. M.	P. M.		S.		2	9
1	26·1	4 45	5 4	23 56	3 39	357 38	33 20	27 6
					N.			
2	27·1	5 30	5 56	0 47	0 56	11 16	37 16	23 10
3	28·1	6 16	6 47	1 38	5 25	24 45	41 13	19 14
4	29·1	7 1	7 38	2 29	9 34	38 1	45 9	15 18
5	0.6	7 48	8 39	3 20	13 11	51 3	49 6	11 22
6	1·6	8 35	9 20	4 11	16 7	63 49	53 2	7 26
7	2·6	9 22	10 10	5 3	18 14	76 20	56 59	3 30
							3	8
8	3·6	10 11	11 0	5 54	19 28	88 36	0 56	59 34
9	4·6	10 59	11 48	6 45	19 48	100 39	4 52	55 38
10	5·6	11 48	...	7 36	19 14	112 33	8 49	51 42
		P. M.	A. M.					
11	6·6	0 36	0 34	8 25	17 49	124 21	12 45	47 46
12	7·6	1 23	1 20	9 14	15 38	136 10	16 42	43 51
13	8·6	2 11	2 3	10 2	12 47	148 4	20 38	39 55
14	9·6	2 57	2 46	10 49	9 21	160 10	24 35	35 59
15	10·6	3 45	3 28	11 37	5 27	172 31	28 31	32 3
16	11·6	4 34	4 10	12 25	1 12	185 13	32 28	28 7
					S.			
17	12·6	5 24	4 54	13 14	3 13	198 18	36 25	24 11
18	13·6	6 17	5 41	14 5	7 38	211 49	40 21	20 15
19	14·6	7 13	6 28	14 59	11 45	225 43	44 18	16 19
20	15·6	8 11	7 21	15 55	15 19	239 58	48 14	12 23
21	16·6	9 12	8 17	16 55	18 1	254 28	52 11	8 27
22	17·6	10 13	9 15	17 56	19 35	269 5	56 7	4 31
							4	
23	18·6	11 14	10 16	18 58	19 50	283 43	0 4	0 36
								7
24	19·6	...	11 18	20 0	18 45	298 16	4 0	56 40
		A. M.	P. M.					
25	20·6	0 11	0 17	21 0	16 28	312 38	7 57	52 44
26	21·6	1 5	1 14	21 57	13 13	326 48	11 54	48 48
27	22·6	1 56	2 9	22 52	9 16	340 45	15 50	44 52
28	23·6	2 44	3 2	23 44	4 53	354 29	19 47	40 56
29	24·6	3 30	3 52	0 35	0 20	7 59	23 43	37 0
					N.			
30	25·6	4 14	4 43	1 25	4 9	21 17	27 40	33 4
31	26·6	4 59	5 32	2 15	8 23	34 24	31 36	29 8

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Day of Month.	Mercury.			Venus.			Mars.		
	Rising	Setting.	Longitude Geocentric. at 7 a.m.	Rising	Setting.	Longitude Geocentric. at 7 a.m.	Rising.	Setting.	Longitude Geocentric. at 7 a.m.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	8 26	8 54		9 41	10 13		3 45	3 34	
2	8 25	8 54		9 42	10 14		3 43	3 33	
3	8 25	8 54	60·2	9 43	10 15	80·1	3 42	3 32	340·1
4	8 24	8 53		9 44	10 16		3 41	3 31	
5	8 23	8 52		9 45	10 18		3 39	3 30	
6	8 21	8 51		9 46	10 19		3 38	3 29	
7	8 19	8 49		9 47	10 20		3 37	3 28	
8	8 17	8 47		9 49	10 21		3 35	3 27	
9	8 14	8 44		9 50	10 22		3 34	3 26	
10	8 12	8 41		9 51	10 24		3 33	3 25	
11	8 8	8 37		9 52	10 25		3 32	3 24	
12	8 5	8 34		9 53	10 26		3 30	3 23	
13	8 1	8 30	67·0	9 54	10 27	91·6	3 29	3 22	347·5
14	7 57	8 25		9 55	10 28		3 28	3 21	
15	7 52	8 20		9 56	10 29		3 26	3 20	
16	7 48	8 15		9 57	10 30		3 25	3 19	
17	7 43	8 10		9 59	10 32		3 24	3 18	
18	7 38	8 4		10 0	10 33		3 22	3 17	
19	7 32	7 58		10 1	10 34		3 21	3 16	
20	7 27	7 52		10 2	10 35		3 20	3 15	
21	7 21	7 46		10 3	10 36		3 18	3 14	
22	7 16	7 40		10 4	10 37		3 17	3 13	
23	7 10	7 34	63·5	10 5	10 37	102·9	3 15	3 12	355·1
24	7 4	7 28		10 6	10 38		3 14	3 11	
25	6 58	7 21		10 7	10 39		3 13	3 10	
26	6 52	7 15		10 8	10 40		3 11	3 9	
27	6 47	7 9		10 9	10 41		3 10	3 8	
28	6 41	7 3		10 10	10 41		3 9	3 7	
29	6 36	6 57		10 11	10 42		3 7	3 6	
30	6 31	6 51		10 12	10 43		3 6	3 5	
31	6 26	6 46		10 13	10 43		3 4	3 4	

MAY—1943.

Day of Month.	Jupiter. Rising.	Jupiter. Setting.	Longitude Geocentric. at 7 a. m.	Saturn. Rising.	Saturn. Setting.	Uranus. Rising.	Uranus. Setting.	Neptune. Rising.	Neptune. Setting.
	h. m. A. M.	h. m. A. M.	°	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. P. M.	h. m. A. M.
1	11 56	0 28		9 15	9 41	8 40	9 6	4 47	4 53
2	11 53	0 24		9 12	9 38	8 37	9 2	4 43	4 49
3	11 49	0 21	107·2	9 8	9 34	8 33	8 59	4 39	4 45
4	11 46	0 18		9 5	9 31	8 29	8 55	4 35	4 41
5	11 43	0 14		9 1	9 27	8 26	8 51	4 31	4 37
6	11 39	0 11		8 58	9 24	8 22	8 48	4 27	4 33
7	11 36	0 8		8 55	9 21	8 18	8 44	4 23	4 29
8	11 33	0 4		8 51	9 17	8 14	8 40	4 19	4 25
9	11 3[illegible]	0 1		8 48	9 14	8 11	8 37	4 15	4 21
		(P.M. 11 58)							
10	11 2[illegible]	11 54		8 44	9 10	8 7	8 33	4 11	4 17
11	11 2[illegible]	11 51		8 41	9 7	8 3	8 29	4 7	4 13
12	11 20	11 48		8 37	9 4	8 0	8 26	4 3	4 9
13	11 17	11 45	108·7	8 34	9 0	7 56	8 22	3 59	4 5
14	11 13	11 41		8 31	8 57	7 52	8 18	3 55	4 1
15	11 10	11 38		8 27	8 53	7 48	8 14	3 51	3 57
16	11 7	11 35		8 24	8 50	7 45	8 11	3 48	3 53
17	11 4	11 32		8 20	8 47	7 41	8 7	3 44	3 49
18	11 1	11 28		8 17	8 43	7 37	8 3	3 40	3 45
19	10 57	11 25		8 14	8 40	7 34	8 0	3 35	3 41
20	10 54	11 22		8 10	8 36	7 30	7 56	3 32	3 37
21	10 51	11 19		8 7	8 33	7 26	7 52	3 28	3 33
22	10 48	11 15		8 3	8 30	7 23	7 49	3 24	3 29
23	10 45	11 12	110.5	8 0	8 26	7 19	7 45	3 20	3 25
24	10 41	11 9		7 57	8 23	7 15	7 41	3 16	3 22
25	10 38	11 4		7 53	8 20	7 12	7 38	3 12	3 18
26	10 35	11 3		7 50	8 16	7 8	7 34	3 8	3 13
27	10 32	10 59		7 46	8 13	7 4	7 30	3 4	3 10
28	10 29	10 56		7 43	8 9	7 0	7 27	3 0	3 6
29	10 26	10 53		7 40	8 6	6 57	7 23	2 56	3 2
30	10 23	10 50		7 36	8 3	6 53	7 19	2 52	2 58
31	10 19	10 47		7 33	7 59	6 49	7 16	2 48	2 54

JUNE—1943.

Day of Week.	Day of Month.	Malabar Date. 1118.	Day of year.	Sun. Rising.	Sun. Setting	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of Time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	° ′ N.	° ′	m. s.
Tues.	1	18	152	7 3·3	7 35·7	4 32	21 54	69 40	2 31
Wed.	2	19	153	7 3·4	7 36·0	4 36	22 3	70 37	2 22
Thur.	3	20	154	7 3·5	7 36·2	4 40	22 11	71 35	2 13
Fri.	4	21	155	7 3·5	7 36·5	4 44	22 18	72 32	2 3
Sat.	5	22	156	7 3·6	7 36·8	4 48	22 25	73 30	1 53
Sun.	6	23	157	7 3·7	7 37·1	4 53	22 32	74 27	1 43
Mon.	7	24	158	7 3·8	7 37·3	4 57	22 39	75 25	1 32
Tues.	8	25	159	7 3·9	7 37·5	5 1	22 45	76 22	1 21
Wed.	9	26	160	7 4·0	7 37·7	5 5	22 50	77 19	1 10
Thur.	10	27	161	7 4·1	7 38·0	5 9	22 56	78 17	0 58
Fri.	11	28	162	7 4·3	7 38·2	5 13	23 1	79 14	0 46
Sat.	12	29	163	7 4·5	7 38·5	5 17	23 5	80 11	0 34
Sun.	13	30	164	7 4·6	7 38·8	5 22	23 9	81 9	0 22
Mon.	14	31	165	7 4·7	7 39·0	5 26	23 13	82 6	0 10
									+
Tues	15	1	166	7 4·8	7 39·3	5 30	23 16	83 3	0 3
Wed.	16	2	167	7 5·0	7 39·6	5 34	23 19	84 1	0 15
Thur.	17	3	168	7 5·3	7 39·8	5 38	23 21	84 58	0 28
Fri	18	4	169	7 5·5	7 40·0	5 42	23 23	85 55	0 41
Sat.	19	5	170	7 5·7	7 40·3	5 46	23 24	86 52	0 54
Sun.	20	6	171	7 5·8	7 40·5	5 51	23 26	87 50	1 7
Mon.	21	7	172	7 6·0	7 40·7	5 55	23 26	88 47	1 20
Tues.	22	8	173	7 6·2	7 41·0	5 59	23 27	89 44	1 32
Wed.	23	9	174	7 6·5	7 41·2	6 3	23 27	90 41	1 45
Thur.	24	10	175	7 6·7	7 41·4	6 7	23 26	91 39	1 58
Fri.	25	11	176	7 6·9	7 41·5	6 11	23 25	92 36	2 11
Sat.	26	12	177	7 7·2	7 41·7	6 16	23 24	93 33	2 24
Sun.	27	13	178	7 7·[illegible]	7 41·9	6 20	23 22	94 30	2 37
Mon.	28	14	179	7 7·6	7 42·1	6 24	23 20	95 28	2 49
Tues.	29	15	180	7 7·8	7 42·3	6 28	23 17	96 25	3 2
Wed.	30	16	181	7 8·1	7 42·4	6 32	23 14	97 22	3 14

Edavam or Vaikasi.

Mithunam or Ani.

JUNE—1943.

Day of Month.	Moon. Age at 7 hour A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
		h. m.	h. m.	h. m.	° ′	° ′	h.	h.
	d.	A. M.	P. M.		N.		M. S.	M. S.
							4	7
1	27·6	5 44	6 23	3 5	12 10	47 18	35 33	25 12
2	28·6	6 29	7 14	3 58	15 19	60 0	39 29	21 16
3	0·1	7 16	8 3	4 47	17 44	72 30	43 26	17 21
4	1·1	8 4	8 53	5 38	19 18	84 48	47 23	13 25
5	2·1	8 53	9 43	6 29	19 57	96 55	51 19	9 29
6	3·1	9 42	10 30	7 20	19 41	108 52	55 16	5 33
7	4·1	10 30	11 15	8 10	18 33	120 43	59 12	1 37
							5	6
8	5·1	11 18	11 59	8 59	16 37	132 30	3 9	57 41
		P. M.						
9	6·1	0 5	...	9 47	13 59	144 18	7 5	53 45
			A. M.					
10	7·1	0 51	0 42	10 34	10 45	153 11	11 2	49 49
11	8·1	1 38	1 23	11 21	7 3	168 15	14 59	45 53
12	9·1	2 25	2 5	12 8	2 58	180 36	18 55	41 57
					S			
13	10·1	3 13	2 46	12 55	1 21	193 17	22 52	38 1
14	11·1	4 4	3 31	13 45	5 44	206 23	26 48	34 6
15	12·1	4 57	4 17	14 37	9 59	219 57	30 45	30 10
16	13·1	5 54	5 6	15 32	13 51	233 58	34 41	26 14
17	14·1	6 55	6 0	16 30	17 2	248 25	38 38	22 18
18	15·1	7 56	6 59	17 31	19 8	263 10	42 34	18 22
19	16·1	9 0	8 1	18 34	19 59	278 7	46 31	14 26
20	17·1	10 0	9 4	19 38	19 25	293 8	50 28	10 30
21	18·1	10 58	10 6	20 41	17 30	308 1	54 24	6 34
22	19·1	11 51	11 6	21 41	14 27	322 42	58 21	2 38
			P. M.				6	5
23	20·1	...	0 3	22 38	10 34	337 6	2 17	58 42
		A. M.						
24	21·1	0 41	0 58	23 32	6 11	351 10	6 14	54 46
25	22·1	1 28	1 49	0 24	1 35	4 54	10 10	50 51
					N			
26	23·1	2 14	2 40	1 14	2 59	18 19	14 7	46 55
27	24·1	3 58	3 30	2 4	7 18	31 26	18 3	42 59
28	25·1	3 43	4 20	2 54	11 12	44 17	22 0	39 3
29	26·1	4 27	5 10	3 43	14 31	56 54	25 57	35 7
30	27·1	5 13	6 0	4 34	17 8	69 20	29 53	31 11

JUNE—1943.

Day of Month.	Mercury.			Venus.			Mars.		
	Rising	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	6 21	6 41		10 14	10 44		3 3	3 3	
2	6 16	6 36	56·7	10 15	10 45	113·9	3 2	3 2	2·4
3	6 12	6 31		10 16	10 45		3 0	3 1	
4	6 8	6 27		10 16	10 46		2 59	3 0	
5	6 4	6 23		10 17	10 46		2 57	2 58	
6	6 0	6 19		10 18	10 47		2 56	2 57	
7	5 57	6 16		10 19	10 47		2 55	2 56	
8	5 54	6 13		10 19	10 47		2 53	2 55	
9	5 51	6 10		10 20	10 48		2 52	2 54	
10	5 48	6 8		10 21	10 48		2 50	2 53	
11	5 46	6 5		10 21	10 48		2 49	2 52	
12	5 44	6 4	58·8	10 22	10 48	124.5	2 48	2 51	9·9
13	5 42	6 2		10 22	10 49		2 46	2 50	
14	5 41	6 1		10 23	10 49		2 45	2 49	
15	5 39	6 0		10 23	10 49		2 43	2 48	
16	5 38	5 59		10 24	10 49		2 42	2 47	
17	5 38	5 59		10 24	10 49		2 40	2 46	
18	5 37	5 58		10 25	10 49		2 39	2 44	
19	5 37	5 58		10 25	10 49		2 38	2 43	
20	5 37	5 59		10 25	10 49		2 36	2 42	
21	5 37	6 0		10 25	10 48		2 35	2 41	
22	5 38	6 1	69·5	10 26	10 48	134.9	2 33	2 40	16·8
23	5 38	6 2		10 26	10 48		2 32	2 39	
24	5 39	6 3		10 26	10 47		2 30	2 38	
25	5 41	6 5		10 26	10 47		2 29	2 37	
26	5 42	6 7		10 26	10 47		2 28	2 36	
27	5 44	6 10		10 26	10 46		2 26	2 35	
28	5 46	6 12		10 26	10 46		2 25	2 33	
29	5 49	6 15		10 26	10 45		2 23	2 32	
30	5 51	6 18		10 26	10 45		2 22	2 31	

JUNE—1943.

Day of month.	Jupiter			Saturn		Uranus		Neptune	
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Rising.	Setting.	Rising.	Setting.
	h. m A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h m. P. M.	h. m. A. M.
1	10 16	10 44		7 29	7 56	6 46	7 12	2 44	2 50
2	10 13	10 40	112·4	7 26	7 53	6 42	7 8	2 40	2 46
3	10 10	10 37		7 23	7 49	6 38	7 5	2 36	2 42
4	10 7	10 34		7 19	7 46	6 35	7 1	2 32	2 38
5	10 4	10 31		7 16	7 42	6 31	6 57	2 28	2 34
6	10 1	10 28		7 13	7 39	6 27	6 53	2 24	2 30
7	9 58	10 25		7 9	7 36	6 24	6 50	2 20	2 26
8	9 55	10 22		7 6	7 32	6 20	6 46	2 16	2 22
9	9 52	10 18		7 2	7 29	6 16	6 42	2 12	2 18
10	9 49	10 15		6 59	7 26	6 12	6 39	2 9	2 14
11	9 45	10 12		6 55	7 22	6 9	6 35	2 5	2 10
12	9 42	10 9	114·5	6 52	7 19	6 5	6 31	2 1	2 6
13	9 39	10 6		6 49	7 16	6 1	6 28	1 57	2 2
14	9 36	10 3		6 45	7 12	5 58	6 24	1 53	1 59
15	9 33	10 0		6 42	7 9	5 54	6 20	1 49	1 55
16	9 30	9 57		6 39	7 5	5 50	6 17	1 45	1 51
17	9 27	9 54		6 35	7 2	5 47	6 13	1 41	1 47
18	9 24	9 50		6 32	6 59	5 43	6 9	1 37	1 43
19	9 21	9 47		6 28	6 55	5 39	6 6	1 33	1 39
20	9 18	9 44		6 25	6 52	5 35	6 2	1 29	1 35
21	9 15	9 41		6 22	6 49	5 32	5 58	1 25	1 31
22	9 12	9 38	116·6	6 18	6 45	5 28	5 55	1 21	1 27
23	9 9	9 35		6 15	6 42	5 24	5 51	1 18	1 23
24	9 6	9 32		6 11	6 38	5 21	5 47	1 14	1 19
25	9 3	9 29		6 8	6 35	5 17	5 43	1 10	1 15
26	9 0	9 26		6 5	6 32	5 13	5 40	1 6	1 12
27	8 57	9 23		6 1	6 28	5 9	5 36	1 2	1 8
28	8 54	9 19		5 58	6 25	5 6	5 32	0 58	1 4
29	8 51	9 16		5 54	6 22	5 2	5 29	0 54	1 0
30	8 48	9 14		5 51	6 18	4 8	5 25	0 50	0 56

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Day of Week.	Day of Month	Malabar Date. 1117.		Day of year.	Sun: Rising.	Sun: Setting.	Sun: Right Ascension at 7 A. M.	Sun: Declination at 7 A. M.	Sun: Longitude at 7 A. M.	Equation of time at 7 A. M.
					h. m. A. M.	h. m. P. M.	h. m.	° ′ N	° ′	m. s. +
Thur.	1	17	Mithunam or Ani.	182	7 8.3	7 42·6	6 36	23 11	98 19	3 26
Fri.	2	18		183	7 8·5	7 42·7	6 40	23 7	99 16	3 38
Sat.	3	19		184	7 8·8	7 42·8	6 44	23 3	100 14	3 50
Sun.	4	20		185	7 9·1	7 43.0	6 49	22 58	101 11	4 1
Mon.	5	21		186	7 9·4	7 43·1	6 53	22 54	102 8	4 12
Tues.	6	22		187	7 9·6	7 43·2	6 57	22 48	103 5	4 23
Wed.	7	23		188	7 9·8	7 43·3	7 1	22 42	104 3	4 33
Thur.	8	24		189	7 10·0	7 43·4	7 5	22 36	105 0	4 43
Fri.	9	25		190	7 10·3	7 43·5	7 9	22 30	105 57	4 53
Sat.	10	26		191	7 10·5	7 43·6	7 13	22 23	106 54	5 2
Sun.	11	27		192	7 10·8	7 43·6	7 17	22 15	107 51	5 11
Mon.	12	28		193	7 11·0	7 43·6	7 22	22 7	108 49	5 19
Tues.	13	29		194	7 11·2	7 43·7	7 26	21 59	109 46	5 27
Wed.	14	30		195	7 11·5	7 43·8	7 30	21 51	110 43	5 34
Thur.	15	31		196	7 11·7	7 43·8	7 34	21 42	111 40	5 41
Fri.	16	32		197	7 11·9	7 43·8	7 38	21 33	112 37	5 48
Sat.	17	1		198	7 12·1	7 43·7	7 42	21 23	113 35	5 54
Sun.	18	2	Karkatagam or Adi.	199	7 12·4	7 43·7	7 46	21 13	114 32	5 59
Mon.	19	3		200	7 12·6	7 43·6	7 50	21 3	115 29	6 4
Tues.	20	4		201	7 12·7	7 43·6	7 54	20 52	116 26	6 8
Wed.	21	5		202	7 12·9	7 43·4	7 58	20 41	117 24	6 12
Thur.	22	6		203	7 13·1	7 43·3	8 2	20 30	118 21	6 15
Fri.	23	7		204	7 13·3	7 43·2	8 6	20 18	119 18	6 18
Sat.	24	8		205	7 13·4	7 43·2	8 10	20 6	120 15	6 20
Sun.	25	9		206	7 13·7	7 43·1	8 14	19 54	121 13	6 22
Mon.	26	10		207	7 13·8	7 42·9	8 18	19 41	122 10	6 23
Tues.	27	11		208	7 13·9	7 42·8	8 22	19 28	123 7	6 23
Wed.	28	12		209	7 14·1	7 42·7	8 26	19 14	124 5	6 23
Thur.	29	13		210	7 14·2	7 42·5	8 30	19 1	125 2	6 22
Fri.	30	14		211	7 14·3	7 42·3	8 34	18 47	125 59	6 21
Sat.	31	15		212	7 14·5	7 42·1	8 37	18 32	126 57	6 19

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Day of Month.	Moon						Sidereal	Local.
	Age at 7 hour A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.	Time at Local Mean Noon.	Mean Time of Sidereal Noon.
	D	h. m. A. M.	h. m. P. M.	h. m.	° ′ N	° ′	h. m. s.	h. m. s.
							6	5
1	28·1	6 0	6 48	5 24	18 57	81 34	33 50	27 15
2	29·1	6 48	7 38	6 16	19 53	93 39	37 46	23 19
3	0·5	7 37	8 26	7 6	19 53	105 36	41 43	19 23
4	1.5	8 26	9 13	7 57	19 2	117 28	45 40	15 27
5	2·5	9 14	9 57	8 46	17 20	129 15	49 36	11 31
6	3·5	10 1	10 40	9 34	14 55	141 2	53 32	7 35
7	4·5	10 48	11 22	10 21	11 52	152 50	57 29	3 40
							7	4
8	5·5	11 33	...	11 8	8 19	164 45	1 26	59 44
		P. M.	A. M.					
9	6·5	0 19	0 2	11 54	4 24	176 50	5 22	55 48
10.	7·5	1 6	0 43	12 40	0 13	189 9	9 19	51 52
					S			
11	8·5	1 53	1 25	13 28	4 4	201 48	13 15	47 56
12	9·5	2 44	2 9	14 17	8 18	214 51	7 12	44 0
13	10·5	3 38	2 55	15 9	12 15	228 20	21 8	40 4
14	11·5	4 35	3 46	16 5	15 41	242 18	25 5	36 8
15	12·5	5 36	4 40	17 4	18 43	256 42	29 1	32 12
16	13·5	6 38	5 40	18 6	19 45	271 29	32 58	28 16
17	14·5	7 42	6 43	19 10	19 51	286 33	36 55	24 20
18	15·5	8 42	7 47	20 15	18 31	301 44	40 51	20 25
19	16·5	9 40	8 50	21 17	15 51	316 53	44 48	16 29
20	17·5	10 34	9 51	22 17	12 10	331 51	48 44	12 33
21	18·5	11 24	10 8	23 15	7 48	346 31	52 41	8 37
22	19·5	...	11 43	0 9	3 6	0 48	56 37	4 41
		A. M.	P. M.		N		8	
23	20·5	0 10	0 36	1 1	1 37	14 40	0 34	0 45
								3
24	21·5	0 56	1 26	1 52	6 7	28 8	4 30	56 49
25	22·5	1 42	2 17	2 42	10 11	41 13	8 27	52 53
26	23·5	2 26	3 7	3 32	13 42	53 58	12 24	48 57
27	24·5	3 12	3 57	4 22	16 31	66 26	16 20	45 1
28	25·5	3 58	4 46	5 12	18 32	78 40	20 17	41 5
29	26·5	4 46	5 35	6 3	19 41	90 43	24 13	37 9
30	27·5	5 34	6 23	6 54	19 57	102 39	28 10	33 14
31	28·5	6 22	7 9	7 44	19 28	114 29	32 6	29 18

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Day of month.	Mercury			Venus			Mars		
	Rising.	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	5 54	6 22		10 26	10 44		2 20	2 30	
2	5 57	6 25	84·9	10 26	10 43	144·7	2 19	2 29	23·9
3	6 1	6 29		10 25	10 42		2 17	2 28	
4	6 5	6 33		10 25	10 42		2 16	2 26	
5	6 9	6 38		10 25	10 41		2 15	2 25	
6	6 13	6 42		10 24	10 40		2 13	2 24	
7	6 17	6 47		10 24	10 39		2 12	2 23	
8	6 22	6 52		10 23	10 38		2 10	2 22	
9	6 27	6 57		10 23	10 37		2 9	2 21	
10	6 32	7 2		10 23	10 36		2 7	2 20	
11	6 37	7 7		10 22	10 35		2 6	2 18	
12	6 43	7 13	102·6	10 21	10 33	153·4	2 4	2 17	30·8
13	6 48	7 18		10 20	10 32		2 3	2 16	
14	6 54	7 23		10 19	10 31		2 1	2 15	
15	6 59	7 29		10 18	10 29		2 0	2 14	
16	7 5	7 34		10 17	10 28		1 58	2 12	
17	7 10	7 39		10 16	10 26		1 57	2 11	
18	7 16	7 44		10 15	10 25		1 56	2 10	
19	7 21	7 49		10 14	10 23		1 54	2 9	
20	7 26	7 54		10 13	10 21		1 53	2 8	
21	7 32	7 59		10 12	10 20		1 51	2 6	
22	7 37	8 3	121·0	10 10	10 18	161·1	1 50	2 5	37·3
23	7 42	8 8		10 9	10 16		1 48	2 4	
24	7 46	8 12		10 7	10 14		1 47	2 3	
25	7 51	8 16		10 6	10 12		1 45	2 2	
26	7 55	8 19		10 4	10 10		1 44	2 0	
27	8 0	8 23		10 2	10 7		1 42	1 59	
28	8 4	8 26		10 0	10 5		1 41	1 58	
29	8 8	8 30		9 58	0 3		1 39	1 57	
30	8 12	8 33		9 56	10 0		1 38	1 55	
31	8 16	8 35		9 54	9 58		1 36	1 54	

JULY—1943.

Day of Month.	Jupiter			Saturn		Uranus		Neptune	
	Rising.	Setting.	Longitude. Geocentric. at 7 A. M.	Rising.	Setting.	Rising.	Setting.	Rising.	Setting
	h. m. A. M	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. P. M.	h. m. A. M.
1	8 45	9 10		5 48	6 15	4 55	5 21	0 46	0 52
2	8 42	9 7	118·8	5 44	6 11	4 51	5 17	0 42	0 48
3	8 39	9 4		5 41	6 8	4 47	5 14	0 39	0 44
4	8 36	9 1		5 37	6 5	4 43	5 10	0 35	0 40
5	8 33	8 58		5 34	6 1	4 40	5 6	0 31	0 36
6	8 30	8 55		5 31	5 58	4 36	5 3	0 27	0 33
7	8 27	8 52		5 27	5 54	4 32	4 59	0 23	0 29
8	8 24	8 49		5 24	5 51	4 28	4 55	0 19	0 25
9	8 21	8 46		5 20	5 48	4 25	4 51	0 15	0 21
10	8 18	8 43		5 17	5 44	4 21	4 48	0 11	0 17
11	8 14	8 40		5 13	5 41	4 17	4 44	0 8	0 13
12	8 11	8 38	121·1	5 10	5 37	4 14	4 40	0 4	0 9
13	8 9	8 35		5 7	5 34	4 10	4 37	0 1	0 5
14	8 6	8 31		5 3	5 31	4 6	4 33	A. M. 11 56	0 1 P. M. 11 58
15	8 2	8 27		5 0	5 27	4 2	4 29	11 52	11 54
16	8 0	8 24		4 56	5 24	3 59	4 25	11 48	11 50
17	7 57	8 21		4 53	5 20	3 55	4 22	11 44	11 45
18	7 54	8 18		4 49	5 17	3 51	4 17	11 41	11 42
19	7 51	8 15		4 46	5 13	3 47	4 14	11 37	11 38
20	7 48	8 12		4 43	5 10	3 44	4 10	11 33	11 34
21	7 45	8 9		4 39	5 6	3 40	4 7	11 29	11 31
22	7 42	8 6	123·4	4 36	5 3	3 36	4 3	11 25	11 27
23	7 39	8 3		4 32	5 0	3 32	3 59	11 21	11 23
24	7 36	8 0		4 29	4 56	3 29	3 55	11 17	11 19
25	7 33	7 57		4 25	4 53	3 25	3 52	11 14	11 15
26	7 30	7 54		4 22	4 49	3 21	3 48	11 10	11 11
27	7 27	7 51		4 18	4 46	3 17	3 44	11 6	11 7
28	7 24	7 48		4 15	4 42	3 13	3 40	11 2	11 4
29	7 21	7 45		4 11	4 39	3 10	3 37	10 58	11 0
30	7 18	7 42		4 8	4 35	3 6	3 33	10 54	10 56
31	7 15	7 38		4 4	4 32	3 2	3 29	10 50	10 52

AUGUST—1943.

Day of Week	Day of Month.	Malabar date. 1118 & 1119	Day of year.	Sun Rising.	Sun Setting.	Sun Right Ascension at 7 A. M.	Sun Declination at 7 A. M.	Sun Longitude at 7 A. M.	Equation of time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	o. ′. N.	o. ′.	m. s. +
Sun.	1	16	213	7 14·6	7 41·9	8 41	18 18	127 54	6 17
Mon.	2	17	214	7 14·7	7 41·6	8 45	18 3	128 52	6 13
Tues.	3	18	215	7 1[illegible]·9	7 41·[illegible]	8 49	17 48	129 49	6 10
Wed.	4	19	216	7 15 0	7 41·1	8 53	17 32	130 47	6 5
Thur.	5	20	217	7 15·0	7 40·9	8 57	17 16	131 44	6 1
Fri.	6	21	218	7 15·1	7 40·6	9 1	17 0	132 42	5 55
Sat.	7	22	219	7 15 2	7 40·4	9 5	16 44	133 39	5 49
Sun.	8	23	220	7 15 2	7 40 0	9 8	16 27	134 37	5 42
Mon.	9	24	221	7 15·3	7 39·6	9 12	16 10	135 34	5 35
Tues.	10	25	222	7 15·4	7 39·3	9 16	15 53	136 32	5 27
Wed.	11	26	223	7 15 4	7 39·1	9 20	15 36	137 29	5 18
Thur.	12	27	224	7 15·5	7 38·7	9 24	15 18	138 27	5 9
Fri.	13	28	225	7 15·6	7 38·3	9 27	15 0	139 24	4 59
Sat.	14	29	226	7 15·6	7 37·9	9 31	14 42	140 22	4 49
Sun.	15	30	227	7 15 5	7 37·5	9 35	14 24	141 19	4 38
Mon.	16	31	228	7 15·5	7 37·1	9 39	14 5	142 17	4 26
Tues.	17	1	229	7 15·5	7 36·7	9 42	13 46	143 15	4 14
Wed.	18	2	230	7 15·5	7 36·3	9 46	13 27	144 12	4 2
Thur.	19	3	231	7 15·5	7 36 0	9 50	13 8	145 10	3 49
Fri.	20	4	232	7 15·4	7 35·6	9 54	12 49	146 8	3 35
Sat.	21	5	233	7 15·4	7 35·2	9 57	12 29	147 6	3 22
Sun.	22	6	234	7 15·4	7 34 7	10 1	12 9	148 3	3 7
Mon.	23	7	235	7 15·3	7 34·3	10 5	11 49	149 1	2 52
Tues.	24	8	236	7 15·2	7 33·8	10 8	11 29	149 59	2 37
Wed.	25	9	237	7 15·2	7 33·4	10 12	11 8	150 57	2 21
Thur.	26	10	238	7 15·2	7 32 9	10 16	10 48	151 55	2 5
Fri.	27	11	239	7 15·1	7 32 4	10 19	10 27	152 53	1 49
Sat.	28	12	240	7 15·0	7 31 8	10 23	10 6	153 51	1 32
Sun.	29	13	241	7 14·9	7 31·2	10 27	9 45	154 49	1 16
Mon.	30	14	242	7 14·9	7 30·8	10 30	9 24	155 47	0 57
Tue.	31	15	243	7 14 8	7 30·3	10 34	9 2	156 45	0 39

Karkatagam or Adi 1118.

Chingom or Avani 1119.

AUGUST—1943.

Day of Month.	Moon.						Sidereal Time at Local Mean Noon.	Local Mean time of Sidereal Noon.
	Age at 7 A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.		
		h. m.	h. m.	h. m.	° ′	° ′	h. m. s.	h. m. s.
		A. M.	P. M.					
	D.				N		8	3
1	29 5	7 10	7 55	8 34	17 51	126 17	36 3	25 22
2	0.8	7 58	8 39	9 22	15 37	138 4	39 59	21 26
3	1·8	8 45	9 20	10 10	12 43	149 53	43 56	17 30
4	2 8	9 31	10 2	10 56	9 18	161 16	47 53	13 34
5	3·8	10 17	10 42	11 42	5 28	173 46	51 49	9 38
6	4 8	11 2	11 23	12 28	1 33	185 56	55 46	5 42
					S.			
7	5·8	11 49	...	13 15	2 50	198 19	59 42	1 46
		P. M.	A. M.				9	2
8	6 8	0 37	0 5	14 8	7 1	210 59	3 39	57 50
9	7·8	1 26	0 49	14 53	10 59	223 59	7 35	53 55
10	8·8	2 22	1 37	15 45	14 31	237 23	11 32	49 59
11	9 8	3 19	2 27	16 41	17 22	251 10	15 28	46 3
12	10 8	4 20	3 23	17 40	19 16	265 23	19 25	42 7
13	11 8	5 21	4 22	18 42	19 58	279 59	23 22	38 11
14	12·8	6 22	5 25	19 46	19 17	294 55	27 18	34 15
15	13 8	7 22	6 26	20 49	17 13	310 2	31 15	30 19
16	14·8	8 19	7 32	21 51	13 56	325 12	35 11	26 23
17	15 8	9 11	8 32	22 51	9 44	340 17	39 8	22 27
18	16·8	10 2	9 30	23 47	5 1	355 7	43 4	18 31
19	17·8	10 50	10 24	0 42	0 8	9 35	47 1	14 35
					N.			
20	18·8	11 36	11 18	1 35	4 37	23 37	50 57	10 40
			P. M.					
21	19·8	...	0 10	2 26	8 59	37 13	54 54	6 44
		A. M.						
22	20·8	0 22	1 2	3 17	12 45	50 22	58 51	2 48
							10	1
23	21·8	1 9	1 52	4 8	15 50	63 7	2 47	58 52
24	22·8	1 55	2 42	4 59	18 5	75 32	6 44	54 56
25	23·8	2 43	3 32	5 50	19 29	87 41	10 40	51 0
26	24·8	3 31	4 20	6 41	19 58	99 39	14 37	47 4
27	25·8	4 19	5 7	7 31	19 34	111 30	18 33	43 8
28	26·8	5 7	5 53	8 21	18 18	123 17	22 30	39 12
29	27·8	5 55	6 37	9 10	16 15	135 4	26 26	35 16
30	28·8	6 43	7 20	9 58	13 30	146 54	30 23	31 20
31	0.2	7 29	8 2	10 45	10 10	158 49	34 20	27 25

AUGUST—1943.

Day of Month.	Mercury			Venus			Mars		
	Rising.	Setting.	Longitude Geocentric at 7 A. M	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising.	Setting.	Longitude Geocentric at 7 A. M
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	8 19	8 38	139·4	9 52	9 55	166·7	1 34	1 53	43·7
2	8 22	8 41		9 49	9 52		1 33	1 52	
3	8 26	8 43		9 47	9 49		1 31	1 50	
4	8 29	8 45		9 44	9 46		1 30	1 49	
5	8 32	8 47		9 42	9 43		1 28	1 48	
6	8 34	8 49		9 39	9 40		1 27	1 46	
7	8 37	8 51		9 36	9 37		1 25	1 45	
8	8 40	8 53		9 33	9 33		1 24	1 44	
9	8 42	8 54		9 30	9 30		1 22	1 42	
10	8 44	8 55		9 26	9 26		1 20	1 41	
11	8 46	8 57	157·1	9 23	9 23	170·1	1 19	1 39	49·9
12	8 48	8 58		9 19	9 19		1 17	1 38	
13	8 50	8 59		9 16	9 15		1 16	1 37	
14	8 52	8 59		9 12	9 10		1 14	1 35	
15	8 53	9 0		9 8	9 6		1 12	1 34	
16	8 55	9 1		9 4	9 2		1 11	1 32	
17	8 56	9 1		8 59	8 57		1 9	1 31	
18	8 57	9 2		8 55	8 53		1 8	1 30	
19	8 58	9 2		8 50	8 48		1 6	1 28	
20	8 59	9 2		8 46	8 43		1 4	1 27	
21	9 0	9 2	172·3	8 41	8 38	169·4	1 3	1 25	55·7
22	9 1	9 2		8 36	8 33		1 1	1 24	
23	9 1	9 2		8 30	8 28		0 59	1 22	
24	9 2	9 2		8 25	8 22		0 58	1 21	
25	9 2	9 1		8 20	8 17		0 56	1 19	
26	9 2	9 1		8 14	8 11		0 54	1 18	
27	9 2	9 0		8 8	8 5		0 52	1 16	
28	9 2	8 59		8 2	8 0		0 51	1 14	
29	9 2	8 58		7 56	7 54		0 49	1 13	
30	9 1	8 57		7 50	7 48		0 47	1 11	
31	9 1	8 56	183·7	7 44	7 42	165·5	0 45	1 10	61·3

AUGUST—1943.

Day of Month.	Jupiter. Rising.	Jupiter. Setting.	Jupiter. Longitude Geocentric. at 7 A. M.	Saturn. Rising	Saturn. Setting.	Uranus. Rising.	Uranus. Setting.	Neptune. Rising.	Neptune. Setting.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	h. m A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.
1	7 12	7 35	125·5	4 1	4 28	2 58	3 25	10 47	10 48
2	7 9	7 32		3 57	4 25	2 54	3 21	10 43	10 44
3	7 6	7 29		3 54	4 21	2 51	3 18	10 39	10 40
4	7 3	7 26		3 50	4 18	2 47	3 14	10 35	10 37
5	7 0	7 23		3 47	4 14	2 43	3 10	10 31	10 33
6	6 57	7 20		3 43	4 11	2 39	3 6	10 28	10 29
7	6 54	7 17		3 40	4 7	2 36	3 3	10 24	10 25
8	6 51	7 14		3 36	4 4	2 32	2 59	10 20	10 21
9	6 48	7 11		3 33	4 1	2 28	2 55	10 16	10 17
10	6 45	7 8		3 29	3 57	2 24	2 51	10 12	10 14
11	6 42	7 5	127·8	3 26	3 53	2 20	2 47	10 8	10 10
12	6 39	7 2		3 22	3 50	2 16	2 43	10 5	10 6
13	6 36	6 59		3 19	3 46	2 13	2 40	10 1	10 2
14	6 33	6 55		3 15	3 43	2 9	2 36	9 58	9 58
15	6 30	6 52		3 12	3 39	2 5	2 32	9 53	9 55
16	6 27	6 49		3 8	3 36	2 1	2 28	9 49	9 51
17	6 24	6 46		3 4	3 32	1 57	2 24	9 46	9 47
18	6 21	6 43		3 1	3 29	1 54	2 21	9 42	9 43
19	6 18	6 40		2 57	3 25	1 50	2 17	9 38	9 39
20	6 15	6 37		2 54	3 21	1 46	2 13	9 34	9 35
21	6 12	6 34	130·1	2 50	3 18	1 42	2 9	9 30	9 31
22	6 9	6 31		2 47	3 14	1 38	2 5	9 26	9 28
23	6 6	6 28		2 43	3 11	1 34	2 1	9 23	9 24
24	6 3	6 25		2 40	3 7	1 30	1 58	9 19	9 20
25	6 0	6 21		2 36	3 4	1 27	1 54	9 15	9 16
26	5 57	6 18		2 32	3 0	1 23	1 50	9 11	9 12
27	5 54	6 15		2 29	2 56	1 19	1 46	9 7	9 9
28	5 51	6 12		2 25	2 53	1 15	1 42	9 4	9 5
29	5 47	6 9		2 22	2 49	1 11	1 38	9 0	9 1
30	5 44	6 6		2 18	2 45	1 7	1 34	8 56	8 57
31	5 41	6 3	132·3	2 14	2 42	1 3	1 31	8 52	8 53

SEPTEMBER—1943.

Day of Week.	Day of Month	Malabar Date. 1119	Day of year.	Sun. Rising.	Sun. Setting.	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of time at 7 A. M.
				h. m A. M.	h. m. P. M	h. m.	° ′ N	° ′	M. S.
Wed.	1	16	244	7 14·8	7 29·7	10 38	8 41	157 43	0 21
Thur	2	17	245	7 14·6	7 29·1	10 41	8 19	158 41	0 2
Fr.	3	18	246	7 14·5	7 28·6	10 45	7 57	159 39	0 17
Sat.	4	19	247	7 14·4	7 28·0	10 49	7 35	160 37	0 36
Sun.	5	20	248	7 14·4	7 27·5	10 52	7 13	161 35	0 56
Mon.	6	21	249	7 14·2	7 26·9	10 56	6 51	162 33	1 15
Tues.	7	22	250	7 14·1	7 26·4	10 59	6 29	163 32	1 35
Wed.	8	23	251	7 14·0	7 25·9	11 3	6 6	164 30	1 56
Thur	9	24	252	7 13·9	7 25·3	11 7	5 44	165 28	2 16
Fri.	10	25	253	7 13·8	7 24·7	11 10	5 21	166 26	2 37
Sat.	11	26	254	7 13·7	7 24·1	11 14	4 58	167 25	2 58
Sun.	12	27	255	7 13·6	7 23·5	11 17	4 36	168 23	3 19
Mon.	13	28	256	7 13 4	7 22·9	11 21	4 13	169 21	3 40
Tues.	14	29	257	7 13·3	7 22·3	11 25	3 50	170 20	4 1
Wed.	15	30	258	7 13·2	7 21·7	11 28	3 27	171 18	4 21
Thur.	16	31	259	7 13·1	7 21·2	11 32	3 4	172 17	4 43
Fri.	17	1	260	7 13 0	7 20·6	11 35	2 41	173 15	5 5
Sat.	18	2	261	7 12·9	7 20·0	11 39	2 18	174 14	5 26
Sun	19	3	262	7 12·7	7 19·4	11 42	1 54	175 12	5 48
Mon.	20	4	263	7 12·6	7 18·8	11 46	1 31	176 11	6 9
Tues	21	5	264	7 12·4	7 18·2	11 50	1 8	177 9	6 30
Wed.	22	6	265	7 12·4	7 17·7	11 53	0 45	178 8	6 51
Thur.	23	7	266	7 12·3	7 17·1	11 57	0 21 S	179 7	7 12
Fri.	24	8	267	7 12·1	7 16·6	12 0	0 2	180 6	7 33
Sat.	25	9	268	7 12·0	7 15·9	12 4	0 26	181 4	7 54
Sun.	26	10	269	7 11·9	7 15·3	12 8	0 49	182 3	8 15
Mon.	27	11	270	7 11·7	7 14·7	12 11	1 12	183 2	8 35
Tues,	28	12	271	7 11·7	7 14.2	12 15	1 36	184 1	8 56
Wed.	29	13	272	7 11·6	7 13·6	12 18	1 59	185 0	9 16
Thur.	30	14	273	7 11·4	7 13·1	12 22	2 23	185 59	9 36

Chingam or Avani.

Kanni or Purattasi.

SEPTEMBER—1943.

Day of Month.	Moon. Age at 7 A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M	Sidereal Time at Local Mean Noon.	Local Mean time of Sidereal Noon.
	d.	h. m. A. M.	h. m. P. M.	h. m.	° ′ N	° ′	H m s	H m s
							10	1
1	1·2	8 15	8 42	11 31	6 24	170 51	38 16	23 29
2	2·2	9 1	9 23	12 17	2 20	183 2	42 13	19 33
					S			
3	3·2	9 47	10 4	13 4	1 52	195 24	46 9	15 37
4	4·2	10 35	10 47	13 51	6 6	208 58	50 6	11 41
5	5·2	11 25	11 33	14 40	10 6	220 47	54 2	7 45
		P. M.						
6	6·2	0 16	...	15 31	13 43	233 50	57 59	3 49
			A. M.				11	0
7	7·2	1 11	0 23	16 25	16 43	247 12	1 55	59 53
8	8·2	2 7	1 13	17 21	18 52	260 52	5 52	55 57
9	9·2	3 6	2 10	18 21	19 56	274 52	9 48	52 1
10	10·2	4 6	3 8	19 22	19 36	289 11	13 45	48 6
11	11·2	5 4	4 10	20 23	18 16	303 48	17 42	44 10
12	12·2	6 1	5 11	21 25	15 30	318 38	21 38	40 14
13	13·2	6 56	6 13	22 24	11 42	333 34	25 35	36 18
14	14·2	7 47	7 12	23 22	7 9	348 30	29 31	32 22
15	15·2	8 37	8 8	0 18	2 14	3 17	33 28	28 26
					N			
16	16·2	9 26	9 4	1 13	2 44	17 47	37 24	24 30
17	17·2	10 13	9 58	2 6	7 24	31 54	41 21	20 34
18	18·2	11 1	10 52	2 59	11 33	45 35	45 17	16 38
19	19·2	11 49	11 43	3 51	14 59	58 48	49 14	12 42
			P. M.					
20	20·2	...	0 35	4 43	17 35	71 37	53 11	8 46
		A. M.						
21	21·2	0 37	1 25	5 35	19 17	84 4	57 7	4 51
							12	0 55
22	22·2	1 26	2 16	6 26	20 2	96 13	1 4	23 56 59
23	23·2	2 14	3 3	7 17	19 53	108 9	5 0	53 3
24	24·2	3 2	3 50	8 7	18 56	119 58	8 57	49 7
25	25·2	3 51	4 34	8 56	16 58	131 45	12 53	45 11
26	26·2	4 38	5 18	9 45	14 23	143 34	16 50	41 15
27	27·2	5 25	5 59	10 32	11 10	155 28	20 46	37 19
28	28·2	6 11	6 41	11 18	7 28	167 32	24 43	33 23
29	29·2	6 57	7 21	12 5	3 24	179 47	28 40	29 27
					S			
30	0·5	7 45	8 3	12 52	0 51	192 14	32 36	25 31

SEPTEMBER—1943.

Day of Month	Mercury.			Venus.			Mars		
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Longitude Geocentric. at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°
1	9 0	8 55		7 38	7 36		0 43	1 8	
2	8 59	8 53		7 32	7 30		0 42	1 6	
3	8 58	8 51		7 26	7 24		0 40	1 4	
4	8 56	8 49		7 19	7 7		0 38	1 3	
5	8 54	8 47		7 13	7 11		0 36	1 1	
6	8 52	8 45		7 7	7 5		0 34	0 59	
7	8 50	8 42		7 0	6 59		0 32	0 57	
8	8 47	8 39		6 54	6 53		0 30	0 56	
9	8 44	8 36		6 48	6 47		0 28	0 54	
10	8 41	8 32	186·9	6 42	6 41	158·6	0 26	0 52	66·3
11	8 37	8 28		6 35	6 35		0 24	0 50	
12	8 33	8 24		6 29	6 30		0 22	0 48	
13	8 29	8 20		6 23	6 24		0 20	0 46	
14	8 24	8 15		6 18	6 19		0 18	0 44	
15	8 19	8 10		6 12	6 13		0 16	0 42	
16	8 13	8 4		6 6	6 8		0 14	0 40	
17	8 7	7 58		6 1	6 3		0 12	0 38	
18	8 0	7 52		5 55	5 58		0 9	0 36	
19	7 53	7 46		5 50	5 53		0 7	0 34	
20	7 46	7 39	181·0	5 45	5 48	154·1	0 5	0 32	70·6
21	7 39	7 32		5 41	5 44		0 3	0 30	
22	7 31	7 25		5 36	5 39		0 1 P. M. / 11 58	0 28	
23	7 23	7 18		5 31	5 35		11 56	0 25	
24	7 15	7 11		5 27	5 31		11 54	0 23	
25	7 7	7 4		5 23	5 27		11 51	0 21	
26	6 59	6 57		5 19	5 23		11 49	0 19	
27	6 52	6 50		5 15	5 20		11 46	0 16	
28	6 45	6 44		5 11	5 16		11 44	0 14	
29	6 38	6 38		5 8	5 13		11 41	0 11	
30	6 32	6 33	175·5	5 4	5 10	153·3	11 39	0 9	74·5

SEPTEMBER—1943.

Day of Month.	Jupiter.			Saturn.		Uranus.		Neptune.	
	Rising.	Setting.	Longitude Geocentric, at 7 A. M.	Rising.	Setting.	Rising.	Setting.	Rising.	Setting.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m A. M.	h. m. P. M.
1	5 38	6 0		2 11	2 38	0 59	1 27	8 49	8 50
2	5 35	5 57		2 7	2 34	0 56	1 23	8 45	8 46
3	5 32	5 53		2 3	2 31	0 52	1 19	8 41	8 42
4	5 29	5 50		2 0	2 27	0 48	1 15	8 37	8 38
5	5 26	5 47		1 56	2 23	0 44	1 11	8 33	8 34
6	5 23	5 44		1 52	2 20	0 40	1 7	8 29	8 30
7	5 20	5 41		1 49	2 16	0 36	1 3	8 26	8 27
8	5 17	5 38		1 45	2 12	0 32	0 59	8 22	8 23
9	5 14	5 35		1 41	2 9	0 28	0 55	8 18	8 19
10	5 11	5 31	13 44	1 37	2 5	0 24	0 52	8 14	8 15
11	5 8	5 28		1 34	2 1	0 21	0 48	8 11	8 11
12	5 4	5 25		1 30	1 58	0 17	0 44	8 7	8 8
13	5 1	5 22		1 26	1 54	0 13	0 40	8 3	8 4
14	4 58	5 19		1 23	1 50	0 9	0 36	7 59	8 0
15	4 55	5 15		1 19	1 46	0 5	0 32	7 55	7 56
16	4 52	5 12		1 15	1 43	0 1 P. M. 11 57	0 28	7 52	7 52
17	4 49	5 9		1 11	1 39	11 53	0 24	7 48	7 49
18	4 46	5 6		1 8	1 35	11 49	0 20	7 44	7 45
19	4 43	5 3		1 4	1 31	11 45	0 16	7 40	7 41
20	4 40	5 0	136·5	1 0	1 28	11 41	0 12	7 36	7 37
21	4 37	4 56		0 56	1 24	11 37	0 8	7 33	7 33
22	4 33	4 53		0 52	1 20	11 33	0 4	7 29	7 30
23	4 30	4 50		0 49	1 16	11 29	0 1 A. M.	7 25	7 26
24	4 27	4 47		0 45	1 12	11 25	11 56	7 21	7 22
25	4 24	4 43		0 41	1 9	11 21	11 53	7 18	7 18
26	4 21	4 40		0 37	1 5	11 17	11 49	7 14	7 14
27	4 18	4 37		0 33	1 1	11 13	11 45	7 10	7 11
28	4 15	4 34		0 30	0 57	11 9	11 40	7 6	7 7
29	4 11	4 31		0 26	0 53	11 5	11 37	7 2	7 3
30	4 8	4 27	138·4	0 22	0 49	11 1	11 33	6 59	6 59

OCTOBER—1943.

Day of Week.	Day of Month	Malabar Date. 1119		Day of year.	Sun. Rising.	Sun. Setting.	Sun. Right Ascension at 7 A. M.	Sun. Declination at 7 A. M.	Sun. Longitude at 7 A. M.	Equation of Time at 7 A. M.
					h. m.	h. m.	h. m.	° ′	° ′	m. s.
					A.M.	P.M.		S		—
Fri.	1		15	274	7 11·4	7 12·5	12 26	2 46	186 58	9 55
Sat.	2		16	275	7 11·3	7 12·0	12 29	3 9	187 57	10 15
Sun.	3		17	276	7 11·1	7 11·4	12 33	3 33	188 56	10 34
Mon	4		18	277	7 11·1	7 10·8	12 37	3 56	189 55	10 52
Tues.	5		19	278	7 11·0	7 10.3	12 40	4 19	190 54	11 11
Wed.	6	Kanni or Purattasi	20	279	7 10·9	7 9·8	12 44	4 42	191 53	11 29
Thur.	7		21	280	7 10·8	7 9·2	12 47	5 5	192 52	11 47
Fri.	8		22	281	7 10·8	7 8·8	12 51	5 28	193 52	12 4
Sat.	9		23	282	7 10·8	7 8·3	12 55	5 51	194 51	12 21
Sun.	10		24	283	7 10·7	7 7·8	12 58	6 14	195 50	12 38
Mon.	11		25	284	7 10·7	7 7·2	13 2	6 37	196 49	12 54
Tues.	12		26	285	7 10·6	7 6·8	13 6	6 59	197 49	13 10
Wed.	13		27	286	7 10·6	7 6·3	13 9	7 22	198 48	13 25
Thur.	14		28	287	7 10·5	7 5·8	13 13	7 45	199 47	13 40
Fri.	15		29	288	7 10·6	7 5·[illegible]	13 17	8 7	200 47	13 54
Sat.	16		30	289	7 10·6	7 4·9	13 21	8 29	201 46	14 8
Sun.	17		31	290	7 10·6	7 4·5	13 24	8 51	202 46	14 21
Mon.	18		1	291	7 10·6	7 4·0	13 28	9 14	203 45	14 34
Tues.	19		2	292	7 10·6	7 3·6	13 32	9 35	204 45	14 46
Wed.	20		3	293	7 10·7	7 3·3	13 36	9 57	205 45	14 57
Thur.	21		4	294	7 10·8	7 2·9	13 39	10 19	206 44	15 8
Fri.	22	Thulam or Alpasi	5	295	7 10·8	7 2·5	13 43	10 40	207 44	15 18
Sat.	23		6	296	7 10·9	7 2·2	13 47	11 2	208 44	15 27
Sun.	24		7	297	7 10 9	7 1·8	13 51	11 23	209 43	15 36
Mon.	25		8	298	7 11·0	7 1·5	13 54	11 44	210 43	15 44
Tues	26		9	299	7 11·1	7 1·1	13 58	12 4	211 43	15 51
Wed.	27		10	300	7 11·2	7 0·8	14 2	12 25	212 43	15 57
Thur.	28		11	301	7 11·3	7 0·4	14 6	12 46	213 43	16 3
Fri.	29		12	302	7 11·4	7 0·2	14 10	13 6	214 43	16 8
Sat.	30		13	303	7 11·5	6 59·9	14 14	13 26	215 43	16 12
Sun.	31		14	304	7 11·6	6 59.7	14 18	13 46	216 43	16 16

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Day of Month.	Moon. Age at 7 A. M.	Rising.	Setting.	Right Ascension at 7 A. M.	Declination at 7 A. M.	Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon
		h. m	h. m.	h. m.	° ′	° ′	H	H
	D	A. M.	P. M.		S		m. s.	m s.
							12	23
1	1·5	8 32	8 46	13 39	5 10	204 54	36 33	21 36
2	2·5	9 22	9 31	14 28	9 19	217 46	40 29	17 40
3	3·5	10 13	10 19	15 19	13 5	230 52	44 26	13 44
4	4·5	11 6	11 9	16 12	16 16	244 9	48 22	9 48
		P. M.						
5	5·5	0 2	...	17 8	18 38	257 39	52 19	5 52
			A. M.					
6	6·5	0 59	0 4	18 6	19 58	271 20	56 15	1 56
							13	22
7	7·5	1 58	1 1	19 5	20 7	285 14	0 12	58 0
8	8·5	2 54	2 0	20 5	19 1	299 19	4 8	54 4
9	9·5	3 50	2 58	21 4	16 42	313 36	8 5	50 8
10	10·5	4 43	3 58	22 3	13 19	328 3	12 2	46 12
11	11·5	5 35	4 56	23 0	9 5	342 35	15 58	42 17
12	12·5	6 24	5 53	23 55	4 19	357 9	19 56	38 21
					N			
13	13·5	7 13	6 48	0 49	0 40	11 38	23 51	34 25
14	14·5	8 1	7 43	1 43	5 32	25 55	27 48	30 29
15	15·5	8 49	8 37	2 37	10 0	39 55	31 44	26 33
16	16·5	9 38	9 31	3 30	13 51	53 33	35 41	22 37
17	17·5	10 28	10 24	4 23	16 53	66 47	39 37	18 41
18	18·5	11 17	11 16	5 16	18 59	79 36	43 34	14 45
			P. M.					
19	19·5	...	0 7	6 9	20 7	92 4	47 31	10 49
		A. M.						
20	20·5	0 6	0 56	7 1	20 16	104 15	51 27	6 53
21	21·5	0 56	1 44	7 52	19 29	116 12	55 24	2 57
								21
22	22·5	1 44	2 30	8 41	17 51	128 2	59 20	59 2
							14	
23	23·5	2 32	3 13	9 30	15 27	139 49	3 17	55 6
24	24·5	3 18	3 55	10 17	12 25	151 39	7 13	51 10
25	25·5	4 5	4 36	11 4	8 50	163 38	11 10	47 14
26	26·5	4 52	5 18	11 50	4 49	175 49	15 6	43 18
27	27·5	5 38	5 59	12 37	0 3	188 15	19 3	39 22
					S			
28	28·5	6 26	6 42	13 24	3 51	200 58	23 0	35 26
29	29·5	7 16	7 27	14 14	8 10	213 58	26 56	31 30
30	0·9	8 7	8 15	15 5	12 12	227 14	30 53	27 34
31	1·9	9 1	9 6	15 58	15 40	240 43	34 49	23 38

OCTOBER—1943.

Day of month.	Mercury.			Venus.			Mars.		
	Rising.	Setting.	Longitude Geocentric. at 7 A. M.	Rising	Setting.	Longitude Geocentric. at 7 A. M.	Rising	Setting.	Longitude Geocentric. at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. P. M.	h. m. P. M.	°
1	6 26	6 28		5 1	5 7		11 36	0 6	
2	6 21	6 23		4 58	5 4		11 33	0 4	
3	6 17	6 19		4 55	5 1		11 31	0 1	
								A. M.	
4	6 13	6 16		4 52	4 58		11 28	11 59	
5	6 10	6 13		4 49	4 55		11 25	11 56	
6	6 8	6 11		4 47	4 53		11 22	11 53	
7	6 6	6 9		4 44	4 51		11 20	11 51	
8	6 5	6 8		4 42	4 48		11 17	11 48	
9	6 4	6 7		4 40	4 46		11 14	11 45	
10	6 4	6 7	179·7	4 38	4 44	156·5	11 11	11 42	77 4
11	6 5	6 7		4 36	4 42		11 8	11 39	
12	6 5	6 7		4 34	4 40		11 5	11 36	
13	6 6	6 8		4 32	4 38		11 1	11 33	
14	6 8	6 8		4 30	4 37		10 58	11 30	
15	6 9	6 11		4 29	4 35		10 55	11 27	
16	6 11	6 10		4 27	4 33		10 52	11 24	
17	6 13	6 12		4 26	4 32		10 48	11 21	
18	6 15	6 13		4 25	4 31		10 45	11 17	
19	6 18	6 15		4 23	4 29		10 41	11 14	
20	6 20	6 16	191·1	4 22	4 8	162·4	10 38	11 11	79·4
21	6 22	6 18		4 21	4 27		10 35	11 7	
22	6 25	6 20		4 20	4 25		10 31	11 4	
23	6 27	6 22		4 19	4 24		10 27	11 0	
24	6 30	6 23		4 18	4 23		10 23	10 57	
25	6 33	6 25		4 17	4 22		10 20	10 53	
26	6 35	6 27		4 16	4 21		10 16	10 49	
27	6 38	6 29		4 16	4 20		10 12	10 45	
28	6 41	6 31		4 15	4 20		10 8	10 42	
29	6 43	6 32		4 14	4 19		10 4	10 38	
30	6 46	6 34	206·1	4 14	4 18	170·0	10 0	10 34	80·3
31	6 49	6 36		4 13	4 17		9 56	10 30	

OCTOBER—1943.

Day of Month.	Jupiter			Saturn		Uranus		Neptune	
	R'sing.	Setting.	Longitude Geocentric. at 7 A. M	Rising.	Setting	Rising.	Setting.	Rising.	Setting.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	h. m. P. M.	h. m. A. M.	h. m. A. M.	h. m. P. M.
1	4 5	4 24		0 18	0 46	10 57	11 29	6 55	6 55
2	4 2	4 21		0 14	0 42	10 53	11 25	6 51	6 51
3	3 59	4 18		0 10	0 38	10 49	11 21	6 47	6 48
4	3 55	4 14		0 6	0 34	10 45	11 17	6 43	6 44
5	3 52	4 11		0 2	0 30	10 41	11 13	6 40	6 40
				P. M. 11 59					
6	3 49	4 8		11 55	0 26	10 37	11 9	6 36	6 36
7	3 46	4 4		11 51	0 22	10 33	11 5	6 32	6 32
8	3 42	4 1		11 47	0 18	10 29	11 1	6 28	6 29
9	3 39	3 58		11 43	0 15	10 25	10 57	6 24	6 25
10	3 36	3 55	140·2	11 39	0 10	10 21	10 53	6 21	6 21
11	3 33	3 51		11 35	0 7	10 17	10 49	6 17	6 17
12	3 29	3 48		11 31	0 3	10 13	10 44	6 13	6 13
					A. M.				
13	3 26	3 45		11 27	11 59	10 9	10 40	6 9	6 10
14	3 23	3 41		11 23	11 55	10 5	10 36	6 6	6 6
15	3 20	3 38		11 19	11 51	10 1	10 32	6 2	6 2
16	3 16	3 35		11 15	11 47	9 57	10 28	5 58	5 58
17	3 13	3 31		11 11	11 43	9 53	10 24	5 54	5 54
18	3 10	3 28		11 7	11 39	9 49	10 20	5 50	5 51
19	3 6	3 24		11 3	11 35	9 45	10 16	5 47	5 47
20	3 3	3 21	141·8	10 59	11 31	9 41	10 12	5 43	5 43
21	3 0	3 18		10 55	11 27	9 37	10 8	5 39	5 39
22	2 56	3 14		10 51	11 23	9 33	10 4	5 35	5 35
23	2 53	3 11		10 47	11 19	9 29	10 0	5 31	5 32
24	2 50	3 7		10 43	11 15	9 25	9 56	5 28	5 28
25	2 46	3 4		10 39	11 11	9 21	9 52	5 24	5 24
26	2 43	3 1		10 35	11 7	9 17	9 48	5 20	5 20
27	2 40	2 57		10 31	11 3	9 13	9 44	5 16	5 16
28	2 36	2 54		10 27	10 58	9 9	9 40	5 12	5 12
29	2 33	2 50		10 23	10 54	9 5	9 36	5 9	5 9
30	2 30	2 47	143·2	10 19	10 50	9 0	9 32	5 5	5 5
31	2 26	2 43		10 15	10 46	8 56	9 27	5 1	5 1

NOVEMBER—1943.

Day of Week.	Day of Month	Malabar Date. 1119	Day of year.	Sun Rising.	Sun Setting.	Sun Right Ascension at 7 A. M.	Sun Declination at 7 A. M.	Sun Longitude at 7 A. M.	Equation of time at 7 A. M.
				h. m. A. M.	h. m. P. M.	h. m.	° ′ S	° ′	m. s. —
Mon.	1	15	305	7 11·8	6 59·5	14 21	14 5	217 43	16 18
Tues.	2	16	306	7 12·0	6 59 2	14 25	14 25	218 43	16 20
Wed.	3	17	307	7 12·1	6 59·0	14 29	14 44	219 43	16 22
Thur.	4	18	308	7 12·3	6 58·9	14 33	15 3	220 43	16 22
Fri.	5	19	309	7 12.5	6 58·7	14 37	15 21	221 43	16 22
Sat.	6	20	310	7 12·8	6 58·5	14 41	15 40	222 43	16 20
Sun.	7	21	311	7 13·0	6 58·3	14 45	15 58	223 43	16 18
Mon.	8	22	312	7 13·2	6 58·1	14 49	16 16	224 44	16 15
Tues.	9	23	313	7 13·4	6 58·1	14 53	16 33	225 44	16 12
Wed.	10	24	314	7 13·7	6 58·0	14 57	16 51	226 44	16 7
Thur.	11	25	315	7 14·0	6 57·9	15 1	17 8	227 44	16 2
Fri.	12	26	316	7 14·3	6 57·8	15 5	17 24	228 45	15 56
Sat.	13	27	317	7 14·5	6 57·8	15 9	17 41	229 45	15 49
Sun.	14	28	318	7 14·8	6 57·8	15 13	17 57	230 45	15 41
Mon.	15	29	319	7 15·2	6 57·7	15 17	18 13	231 46	15 32
Tues.	16	30	320	7 15·5	6 57·7	15 22	18 28	232 46	15 23
Wed.	17	1	321	7 15·8	6 57·8	15 26	18 43	233 47	15 12
Thur.	18	2	322	7 16·2	6 57·8	15 30	18 58	234 47	15 1
Fri.	19	3	323	7 16·5	6 57·9	15 34	19 13	235 48	14 49
Sat.	20	4	324	7 16·9	6 57·9	15 38	19 27	236 48	14 36
Sun.	21	5	325	7 17·3	6 58·0	15 42	19 41	237 49	14 22
Mon.	22	6	326	7 17·7	6 58·1	15 46	19 54	238 50	14 7
Tues.	23	7	327	7 18·0	6 58·2	15 51	20 7	239 50	13 52
Wed.	24	8	328	7 18·5	6 58·3	15 55	20 20	240 51	13 35
Thur.	25	9	329	7 18·9	6 58·5	15 59	20 32	241 52	13 18
Fri.	26	10	330	7 19·3	6 58·7	16 3	20 44	242 52	13 0
Sat.	27	11	331	7 19·8	6 58·9	16 8	20 56	243 53	12 42
Sun.	28	12	332	7 20·2	6 59·2	16 12	21 7	244 54	12 22
Mon.	29	13	333	7 20·7	6 59·4	16 16	21 18	245 55	12 2
Tues.	30	14	334	7 21·2	6 59·6	16 20	21 28	246 55	11 41

Thulam or Alpasi.

Vrischigam or Kartika.

NOVEMBER—1943.

Day of Month	Moon: Age at 7 A. M.	Moon: Rising.	Moon: Setting.	Moon: Right Ascension at 7 A. M.	Moon: Declination at 7 A. M.	Moon: Longitude at 7 A. M.	Sidereal Time at Local Mean Noon.	Local Mean Time of Sidereal Noon.
	d	h. m.	h. m.	h. m.	° ′	° ′	h m s	h m s
		A. M.	P. M.		S		14	21
1	2·9	9 57	9 59	16 54	18 20	254 23	38 46	19 42
2	3·9	10 55	10 56	17 52	19 59	268 12	42 42	15 47
3	4·9	11 54	11 54	18 52	20 26	282 7	46 39	11 51
		P. M.						
4	5·9	0 50	...	19 51	19 38	296 7	50 35	7 55
			A. M.					
5	6.9	1 45	0 53	20 50	17 36	310 9	54 32	3 59
6	7.9	2 37	1 52	21 48	14 30	324 15	58 29	0 3
							15	20
7	8·9	3 29	2 49	22 44	10 33	338 23	2 25	56 7
8	9·9	4 17	3 43	23 38	6 1	352 32	6 22	52 11
9	10·9	5 4	4 38	0 31	1 10	6 40	10 18	48 15
					N			
10	11·9	5 52	5 31	1 24	3 43	20 42	14 15	44 19
11	12·9	6 39	6 24	2 16	8 22	34 35	18 11	40 23
12	13·9	7 27	7 17	3 9	12 30	48 15	22 8	36 27
13	14·9	8 16	8 11	4 2	15 55	61 39	26 4	32 32
14	15·9	9 6	9 5	4 56	18 27	74 43	30 1	28 36
15	16·9	9 56	9 57	5 49	20 1	87 27	33 58	24 40
16	17·9	10 47	10 48	6 42	20 33	99 53	37 54	20 44
17	18·9	11 36	11 37	7 34	20 7	112 2	41 50	16 48
			P. M.					
18	19·9	...	0 24	8 25	18 46	123 59	45 47	12 52
		A. M.						
19	20·9	0 25	1 8	9 14	16 36	135 49	49 44	8 56
20	21·9	1 12	1 51	10 1	13 46	147 37	53 40	5 0
21	22·9	1 58	2 31	10 48	10 21	159 28	57 37	1 4
							16	19
22	23·9	2 44	3 13	11 34	6 29	171 28	1 33	57 8
23	24·9	3 30	3 53	12 20	2 18	183 42	5 30	53 12
					S			
24	25·9	4 17	4 35	13 7	2 6	196 14	9 27	49 17
25	26·9	5 5	5 19	13 55	6 30	209 6	13 23	45 21
26	27·9	5 56	6 5	14 46	10 34	223 21	17 20	41 25
27	28·9	6 50	6 55	15 39	14 32	235 56	21 16	37 29
28	0·4	7 46	7 50	16 35	17 38	249 49	25 13	33 33
29	1·4	8 45	8 48	17 34	19 44	263 57	29 9	29 37
30	2·4	9 45	9 47	18 35	20 37	278 12	33 6	25 41

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Day of Month.	Mercury			Venus			Mars		
	Rising	Setting.	Longitude Geocentric. at 7 A. M	Rising	Setting.	Longitude Geocentric. at 7 A. M.	Rising	Setting	Longitude Geocentric. at 7. A. M.
	h. m.	h. m.	°	h. m.	h. m.	°	h. m.	h. m.	°
	A. M.	P. M.		A. M.	P. M.		P. M.	A. M.	
1	6 51	6 38		4 13	4 16		9 51	10 25	
2	6 54	6 40		4 12	4 16		9 47	10 21	
3	6 57	6 42		4 12	4 15		9 43	10 17	
4	6 59	6 44		4 12	4 14		9 38	10 13	
5	7 2	6 45		4 11	4 14		9 34	10 8	
6	7 5	6 47		4 11	4 13		9 29	10 4	
7	7 7	6 49		4 11	4 13		9 25	9 59	
8	7 10	6 51		4 11	4 12		9 20	9 55	
9	7 13	6 53	222·9	4 11	4 12	179·1	9 15	9 50	79·7
10	7 16	6 55		4 11	4 11		9 10	9 45	
11	7 18	6 57		4 10	4 11		9 5	9 41	
12	7 21	6 59		4 10	4 10		9 0	9 36	
13	7 24	7 1		4 10	4 10		8 55	9 31	
14	7 27	7 3		4 10	4 9		8 50	9 26	
15	7 30	7 6		4 10	4 9		8 45	9 21	
16	7 32	7 8		4 10	4 8		8 40	9 16	
17	7 35	7 10		4 10	4 8		8 35	9 11	
18	7 38	7 12		4 11	4 8		8 30	9 6	
19	7 41	7 14	240·2	4 11	4 8	188·7	8 24	9 1	78·0
20	7 43	7 16		4 11	4 8		8 19	8 55	
21	7 46	7 19		4 11	4 8		8 14	8 50	
22	7 49	7 21		4 11	4 7		8 8	8 45	
23	7 52	7 24		4 12	4 7		8 3	8 39	
24	7 55	7 26		4 12	4 7		7 57	8 34	
25	7 58	7 28		4 12	4 7		7 52	8 28	
26	8 1	7 31		4 12	4 7		7 46	8 23	
27	8 4	7 33		4 13	4 7		7 41	8 17	
28	8 7	7 36		4 13	4 7		7 35	8 12	
29	8 10	7 38	257·2	4 13	4 6	199·4	7 30	8 6	75·0
30	8 13	7 41		4 14	4 6		7 24	8 1	

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Day of Month.	Jupiter			Saturn		Uranus		Neptune	
	Rising	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Rising	Setting.	Rising	Setting.
	h. m. A. M.	h. m. P. M.	° ′	h. m. P. M.	h. m. A. M.	h. m. P. M.	h. m. A. M.	h. m. A. M.	h. m. P. M.
1	2 23	2 40		10 10	10 42	8 52	9 23	4 57	4 57
2	2 19	2 36		10 6	10 38	8 48	9 19	4 53	4 53
3	2 16	2 33		10 2	10 34	8 44	9 15	4 50	4 50
4	2 12	2 29		9 58	10 30	8 40	9 11	4 46	4 46
5	2 9	2 26		9 54	10 26	8 36	9 7	4 42	4 42
6	2 5	2 22		9 50	10 22	8 32	9 3	4 38	4 38
7	2 2	2 19		9 46	10 17	8 28	8 59	4 34	4 34
8	1 59	2 15		9 41	10 13	8 24	8 55	4 30	4 30
9	1 55	2 12	144·2	9 37	10 9	8 20	8 51	4 27	4 26
10	1 51	2 8		9 33	10 5	8 16	8 46	4 23	4 23
11	1 48	2 5		9 29	10 1	8 12	8 42	4 19	4 19
12	1 45	2 1		9 25	9 57	8 7	8 38	4 15	4 15
13	1 41	1 57		9 21	9 52	8 3	8 34	4 11	4 11
14	1 37	1 54		9 16	9 48	7 59	8 30	4 8	4 7
15	1 34	1 50		9 12	9 44	7 55	8 26	4 4	4 4
16	1 30	1 47		9 8	9 40	7 51	8 22	4 0	4 0
17	1 27	1 43		9 4	9 36	7 47	8 18	3 56	3 56
18	1 23	1 40		9 0	9 31	7 43	8 14	3 52	3 52
19	1 19	1 36	145·1	8 55	9 27	7 39	8 10	3 48	3 48
20	1 16	1 32		8 51	9 23	7 35	8 6	3 45	3 44
21	1 12	1 29		8 47	9 19	7 30	8 1	3 41	3 41
22	1 9	1 25		8 43	9 15	7 26	7 57	3 37	3 37
23	1 5	1 21		8 38	9 10	7 22	7 53	3 33	3 33
24	1 1	1 18		8 34	9 6	7 18	7 49	3 29	3 29
25	0 57	1 14		8 30	9 2	7 14	7 45	3 25	3 25
26	0 54	1 10		8 26	8 57	7 10	7 41	3 22	3 21
27	0 50	1 6		8 22	8 53	7 6	7 37	3 18	3 17
28	0 46	1 3		8 17	8 49	7 2	7 33	3 14	3 13
29	0 43	0 59	145·8	8 13	8 45	6 58	7 29	3 10	3 16
30	0 39	0 55		8 9	8 40	6 54	7 24	3 6	3 0

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Day of Week.	Day of Month	Malabar Date. 1118		Day of year.	Sun Rising.	Sun Setting.	Sun Right Ascension at 7 A. M.	Sun Declination at 7 A. M.	Sun Longitude at 7 A. M.	Equation of time at 7 A. M.
					h. m. A. M.	h. m. P. M.	h m.	° ′ S.	° ′	m. s.
Wed.	1	15	Vrischigam or Karthika.	335	7 21·6	6 59·9	16 25	21 38	247 56	11 20
Thur	2	16		336	7 22·1	7 0·1	16 29	21 43	248 57	10 58
Fri.	3	17		337	7 22·6	7 0·4	16 33	21 57	249 58	10 35
Sat.	4	18		338	7 23·1	7 0·7	16 38	22 6	250 59	10 12
Sun.	5	19		339	7 23·5	7 1·0	16 42	22 14	252 0	9 48
Mon.	6	20		340	7 24·0	7 1·3	16 46	22 22	253 0	9 23
Tues.	7	21		341	7 24·5	7 1·7	16 51	22 29	254 1	8 58
Wed.	8	22		342	7 25·0	7 2·0	16 55	22 36	255 2	8 33
Thur	9	23		343	7 25·5	7 2·4	16 59	22 43	256 3	8 7
Fri.	10	24		344	7 26·0	7 2·8	17 4	22 49	257 4	7 40
Sat.	11	25		345	7 26·6	7 3·1	17 8	22 55	258 5	7 13
Sun.	12	26		346	7 27·1	7 3·5	17 13	23 0	259 6	6 46
Mon.	13	27		347	7 27·6	7 4·0	17 17	23 5	260 7	6 18
Tues	14	28		348	7 28·1	7 4·5	17 21	23 9	261 8	5 50
Wed.	15	29		349	7 28·6	7 4·8	17 26	23 13	262 9	5 22
Thur	16	1	Dhanu or Margali.	350	7 29·1	7 5·2	17 30	23 16	263 10	4 53
Fri.	17	2		351	7 29·7	7 5·7	17 35	23 19	264 11	4 24
Sat	18	3		352	7 30·2	7 6·2	17 39	23 21	265 12	3 55
Sun	19	4		353	7 30·7	7 6·7	17 44	23 23	266 13	3 25
Mon.	20	5		354	7 31·2	7 7·1	17 48	23 25	267 14	2 56
Tues.	21	6		355	7 31·8	7·6	17 52	23 26	268 15	2 26
Wed.	22	7		356	7 32·3	7 8·1	17 57	23 27	269 17	1 56
Thur.	23	8		357	7 32·8	7 8·6	18 1	23 27	270 18	1 26
Fri.	24	9		358	7 33·3	7 9·1	18 6	23 26	271 19	0 56
Sat.	25	10		359	7 33·8	7 9·7	18 10	23 26	272 20	0 26
										+
Sun.	26	11		360	7 34·2	7 10·3	18 15	23 24	273 21	0 4
Mon.	27	12		361	7 34·7	7 10·7	18 19	23 22	274 22	0 34
Tues.	28	13		362	7 35·1	7 11·2	18 24	23 20	275 23	1 4
Wed.	29	14		363	7 35·6	7 11·8	18 28	23 17	276 25	1 33
Thur	30	15		364	7 36·0	7 12·4	18 32	23 14	277 26	2 3
Fri.	31	16		365	7 36·4	7 12·9	18 37	23 11	278 27	2 32

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Day of Month.	Moon: Age at 7 A. M.	Moon: Rising.	Moon: Setting.	Moon: Right Ascension at 7 A. M.	Moon: Declination at 7 A. M.	Moon: Longitude at 7 A. M.	Sidereal Time at Local Mean Noon	Local Mean Time of Sidereal Noon.
	D.	h. m. A. M.	h. m. P. M.	h. m.	° ′ S.	° ′	h. m. s.	h. m. s.
							16	19
1	3·4	10 45	10 48	19 36	20 10	292 32	37 3	21 45
2	4·4	11 42	11 46	20 37	18 25	306 51	40 59	17 49
		P. M.						
3	5·4	0 36	...	21 35	15 32	321 5	44 56	13 53
			A. M.					
4	6·4	1 27	0 45	22 32	11 44	335 14	48 52	9 57
5	7·4	2 16	1 40	23 26	7 19	349 16	52 49	6 2
6	8·4	3 1	2 33	0 18	2 36	3 11	56 45	2 6
							17	18
7	9·4	3 48	3 26	1 10	2 16	16 57	0 42	58 10
8	10·4	4 33	4 17	2 1	6 56	30 34	4 38	54 14
9	11·4	5 20	5 10	2 52	11 12	44 0	8 35	50 18
10	12·4	6 8	6 1	3 44	14 51	57 15	12 31	46 22
11	13·4	6 57	6 54	4 37	17 43	70 16	16 28	42 26
12	14·4	7 48	7 47	5 30	19 40	83 3	20 25	38 30
13	15·4	8 38	8 39	6 24	20 36	95 34	24 21	34 34
14	16·4	9 28	9 29	7 16	20 34	107 52	28 18	30 38
15	17·4	10 18	10 17	8 8	19 30	119 57	32 14	26 42
16	18·4	11 6	11 3	8 58	17 37	131 52	36 11	22 46
17	19·4	11 52	11 47	9 46	15 0	143 41	40 7	18 51
			P. M.					
18	20·4	...	0 28	10 33	11 46	155 28	44 4	14 55
		A. M.						
19	21·4	0 37	1 8	11 19	8 5	167 19	48 0	10 59
20	22·4	1 23	1 48	12 4	4 2	179 17	51 57	7 3
					S			
21	23·4	2 8	2 28	12 50	0 15	191 30	55 54	3 7
								17
22	24·4	2 55	3 10	13 36	4 37	204 0	59 50	59 11
							18	
23	25·4	3 42	3 55	14 25	8 54	216 53	3 47	55 15
24	26·4	4 35	4 43	15 17	12 55	230 11	7 43	51 19
25	27·4	5 30	5 34	16 11	16 22	243 55	11 40	47 23
26	28·4	6 28	6 30	17 9	18 59	258 2	15 36	43 27
27	29·4	7 28	7 31	18 11	20 28	272 29	19 33	39 31
28	0·8	8 31	8 33	19 13	20 35	287 10	23 29	35 36
29	1·8	9 31	9 37	2 16	19 37	301 57	27 26	31 40
30	2·8	10 29	10 36	21 13	16 41	316 42	31 23	27 44
31	3·8	11 23	11 34	22 17	13 1	331 41	35 19	23 48

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Day of month.	Mercury			Venus			Mars		
	Rising.	Setting.	Longitude Geocentric at 7 A. M.	Rising.	Setting.	Longitude Geocentric at 7 A. M.	Rising	Setting.	Longitude Geocentric at 7 A. M.
	h. m. A. M.	h. m. P. M.	°	h. m. A. M.	h. m. P. M.	°	h. m. P. M.	h. m. A. M.	°
1	8 16	7 44		4 14	4 6		7 18	7 55	
2	8 18	7 46		4 15	4 6		7 13	7 49	
3	8 21	7 49		4 15	4 6		7 7	7 44	
4	8 24	7 52		4 16	4 6		7 1	7 38	
5	8 27	7 54		4 16	4 6		6 56	7 32	
6	8 30	7 57		4 17	4 7		6 50	7 27	
7	8 33	8 0		4 17	4 7		6 45	7 21	
8	8 35	8 2		4 18	4 7		6 39	7 16	
9	8 38	8 5	272·8	4 18	4 7	210·3	6 34	7 10	72·0
10	8 41	8 8		4 19	4 7		6 28	7 5	
11	8 43	8 10		4 19	4 7		6 23	6 59	
12	8 46	8 13		4 20	4 7		6 17	6 53	
13	8 49	8 16		4 21	4 8		6 12	6 48	
14	8 51	8 18		4 22	4 8		6 6	6 43	
15	8 53	8 20		4 22	4 8		6 1	6 37	
16	8 55	8 23		4 23	4 8		5 56	6 32	
17	8 57	8 25		4 24	4 9		5 50	6 26	
18	8 58	8 27		4 24	4 9		5 45	6 21	
19	9 0	8 29	285·3	4 25	4 9	221·7	5 40	6 16	69·0
20	9 1	8 30		4 26	4 10		5 35	6 11	
21	9 2	8 32		4 27	4 10		5 30	6 5	
22	9 3	8 33		4 28	4 11		5 25	6 0	
23	9 3	8 33		4 29	4 11		5 20	5 55	
24	9 3	8 34		4 30	4 12		5 15	5 50	
25	9 2	8 34		4 31	4 12		5 10	5 45	
26	9 1	8 33		4 32	4 13		5 5	5 40	
27	9 0	8 32		4 32	4 13		5 0	5 36	
28	8 57	8 30		4 33	4 14		4 56	5 31	
29	8 55	8 28	291·6	4 34	4 14	233·3	4 51	5 26	66·8
30	8 51	8 24		4 35	4 15		4 47	5 21	
31	8 46	8 20		4 36	4 15		4 42	5 17	

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Day of Month.	Jupiter.			Saturn.		Uranus.		Neptune.	
	Rising	Setting	Longitude Geocentric. at 7 A. M.	Rising.	Setting.	Rising.	Setting	Rising.	Setting.
	h. m. A. M.	h. m. P. M.	°	h. m. P. M	h. m. A. M.	h. m. P. M.	h. m A. M.	h. m. A. M.	h m P. M
1	0 35	0 51		8 5	8 36	6 49	7 20	3 2	3 2
2	0 31	0 48		8 0	8 32	6 45	7 16	2 58	2 58
3	0 28	0 44		7 56	8 28	6 41	7 12	2 55	2 54
4	0 24	0 40		7 52	8 23	6 37	7 8	2 51	2 50
5	0 20	0 36		7 47	8 19	6 33	7 4	2 47	2 46
6	0 16	0 32		7 43	8 15	6 29	7 0	2 43	2 43
7	0 12	0 29		7 39	8 11	6 25	6 56	2 39	2 39
8	0 9	0 25		7 35	8 6	6 21	6 51	2 35	2 35
9	0 5	0 21	145·9	7 30	8 2	6 17	6 47	2 31	2 31
10	0 1 P. M. 11 57	0 17		7 26	7 58	6 13	6 43	2 27	2 27
11	11 53	0 13		7 22	7 53	6 8	6 39	2 24	2 23
12	11 49	0 9		7 18	7 49	6 4	6 35	2 20	2 19
13	11 45	0 5		7 13	7 45	6 0	6 31	2 16	2 15
14	11 41	0 1		7 9	7 41	5 56	6 27	2 12	2 12
		A. M.							
15	11 37	11 58		7 5	7 36	5 52	6 23	2 9	2 9
16	11 33	11 54		7 0	7 32	5 48	6 19	2 4	2 4
17	11 29	11 50		6 56	7 28	5 44	6 15	2 0	2 0
18	11 25	11 46		6 52	7 23	5 40	6 10	1 56	1 56
19	11 21	11 42	145 9	6 48	7 19	5 36	6 6	1 53	1 52
20	11 17	11 38		6 43	7 15	5 32	6 2	1 49	1 48
21	11 13	11 34		6 39	7 11	5 28	5 58	1 45	1 44
22	11 9	11 30		6 35	7 6	5 23	5 54	1 41	1 40
23	11 5	11 26		6 30	7 2	5 19	5 50	1 37	1 37
24	11 1	11 22		6 26	6 58	5 15	5 46	1 33	1 33
25	10 57	11 18		6 22	6 54	5 11	5 42	1 29	1 29
26	10 53	11 14		6 18	6 49	5 7	5 38	1 25	1 25
27	10 49	11 9		6 13	6 45	5 3	5 34	1 21	1 21
28	10 45	11 5		6 9	6 41	4 59	5 29	1 17	1 17
29	10 41	11 1	145·5	6 5	6 36	4 55	5 25	1 14	1 13
30	10 37	10 57		6 0	6 32	4 51	5 21	1 10	1 9
31	10 32	10 53		5 56	6 28	4 47	5 17	1 6	1 5

Month	Date.	Mean longitude of Ascending Node of lunar orbit.	Sun's Horizontal Parallax.	Sun's Aberration.
		°	″	″
January ...	6	147·25	8·95	20·82
	16	146·72	8·95	20·81
	26	146·19	8·94	20·79
February ...	5	145·66	8·93	20·76
	15	145·13	8·91	20·72
	25	144·60	8·89	20·68
March ...	7	144·07	8·87	20·63
	17	143·54	8·84	20·57
	27	143·01	8·82	20·51
April ...	6	142·49	8·79	20·46
	16	141·96	8·77	20·40
	26	141·43	8·75	20·34
May ...	6	140·90	8·72	20·29
	16	140·37	8·70	20·25
	26	139·84	8·69	20·21
June ...	5	139·31	8·67	20·18
	15	138·78	8·66	20·15
	25	138·25	8·66	20·14
July ...	5	137·72	8·66	20·13
	15	137·19	8·66	20·14
	25	136·66	8·66	20·15
August ...	4	136·13	8·67	20·18
	14	135·60	8·69	20·21
	24	135·07	8·70	20·25
September ...	3	134·54	8·72	20·29
	13	134·01	8·75	20·34
	23	133·48	8·77	20·40
October ...	3	132·95	8·79	20·46
	13	132·42	8·82	20·52
	23	131·89	8·84	20·57
November ...	2	131·36	8·87	20·63
	12	130·84	8·89	20·68
	22	130·31	8·91	20·72
December ...	2	129·78	8·93	20·76
	12	129·25	8·94	20·79
	22	128·72	8·95	20·81

Planetary Phenomena—1943.

Day.	Hrs.	Mts.			
			January.		
2			Earth in Perihelion		
4			Neptune stationary in Right Ascension		
4	4	30 P. M.	Mars in conjunction with Moon ...	Mars 5°	South
8	4	30 A. M.	Mercury in conjunction with Moon ...	Mercury 3°	Do.
8			Mercury Greatest elongation. ...	19°	East
11			Jupiter in opposition with sun ...		
15			Mercury stationary in Right Ascension ...		
16	4	30 P. M.	Mercury in conjunction with Venus ...	Mercury 2°·7	North
17	1	30 A. M.	Saturn in conjunction with Moon...	Saturn 3°	Do.
20	6	30 P. M.	Jupiter in conjunction with Moon ...	Jupiter 3°	Do.
24			Mercury inferior conjunction with Sun ...		
			February.		
2	1	30 P. M.	Mars in conjunction with Moon ...	Mars 5°	South
3	9	30 P. M.	Mercury in conjunction with Moon.	Mercury 0°·4	North
5			Mercury stationary in Right Ascension ...		
5			Total eclipse of the sun ...		
6			Saturn stationary in Right Ascension ...		
6	4	30 P. M.	Venus in conjunction with Moon.	Venus 0°·5	South
8			Uranus stationary in Right Ascension ...		
13	7	30 A. M.	Saturn in conjunction with Moon.	Saturn 4°	North
16	7	30 P. M.	Jupiter in conjunction with Moon ...	Jupiter 4°	North
18			Mercury greatest elongation. ...	26°	West
20			Partial eclipse of the Moon ...		
			March.		
3	9	30 A. M.	Mars in conjunction with Moon ...	Mars 3°.	South
5	1	30 A. M.	Mercury in conjunction with Moon ...	Mercury 2°	Do.
8	2	30 P M.	Venus in conjunction with Moon.	Venus 3°	North
12			Jupiter Stationary in Right Ascension ...		
12	5	30 P. M.	Saturn in conjunction with Moon ...	Saturn 4°	Do.
16	0	30 A. M.	Jupiter in conjunction with Moon	Jupiter 4°	Do.
21	6	30 P. M.	Vernal Equinox ...		
22			Neptune in opposition with Sun...		

Planetary Phenomena—1943.—(*contd*).

Day.	Hrs	Mts.			
			April.		
1	4	30 A. M.	Mars in conjunction with Moon ...	Mare 2°	South
2					
4			Mercury superior conjunction with Sun ...		
7	5	30 P. M.	Venus in conjunction with Moon.	Venue 6°	North
9	7	30 A. M.	Saturn in conjunction with Moon	Saturn 3°	Do.
12	11	30 A. M.	Jupiter in conjunction with Moon ...	Jupiter 3°	Do.
18	10	30 A. M.	Venue in conjunction with Uranue ...	Venus 1°.4	Do.
25	10	30 A. M.	Venus in conjunction with Saturn	Venue 3°.1	Do.
29	11	30 P. M.	Mars in conjunction with Moon ...	Mare 0°.1	South
30			Mercury greatest Elongation ...	21°	East.
			May.		
6	1	30 A. M.	Mercury in conjunction with Uranue ...	Mercury 2°.7	North
6	4	30 A. M.	Mercury in conjunction with Moon ...	Mercury 8°	Do.
6	9	30 P. M.	Saturn in conjunction with Moon ...	Saturn 3°	Do.
9	0	30 A. M.	Venus in conjunction with Moon.	Venus 6°	Do.
10	3	30 A. M.	Jupiter in conjunction with Moon.	Jupiter 3°	Do.
12			Mercury Stationary in Right Ascension ..		
18	9	30 P. M.	Mercury in conjunction with Uranue ...	Mercury 0°.1	Do.
23			Mercury inferior conjunction with Sun ...		
26			Uranus in conjunction with Sun...		
28	4	30 P. M.	Mare in conjunction with Moon...	Mars 2°	Do.
			June.		
1	11	30 P. M.	Venue in conjunction with Jupiter.	Venus 2°.1	North
2	1	30 A. M.	Mercury in conjunction with Moon ...	Mercury 1°	Do
4			Mercury Stationary in right ascenecion ...		
6	8	30 P. M.	Jupiter in conjunction with Moon ...	Jupiter 2°	Do.
7			Saturn in conjunction with Sun...		
7	6	30 A. M.	Venus in conjunction with Moon.	Venus 4°	Do.
11			Neptune stationary in right aecension ...		
18			Mercury greatest elongation ...	23°	West
20	3	30 P. M.	Mercury in conjunction with Uranus ...	Mercury 3°.1	South

Planetary Phenomena—1943—(*contd.*)

Day.	Hrs.	Mts.	*June*—(contd.)		
22	1	30 P. M.	Summer Solstice ...		
26	11	30 A. M.	Mars in conjunction with Moon...	Mars 3°	North
28			Venus greatest elongation ...	45°	East
30	11	30 A. M.	Mercury in conjunction with Saturn ...	Mercury 0°·1	South
			July.		
1	1	30 A. M.	Saturn in conjunction with Moon ...	Saturn 3°	North
1	3	30 A. M.	Mercury in conjunction with Moon ...	Mercury 3°	Do.
4			Earth in aphelion ...		
4	2	30 P. M.	Jupiter in conjunction with Moon	Jupiter 2°	Do.
6	10	30 P. M.	Venus in conjunction with Moon	Venus 0°·4	South
7	1	30 A. M.	Venus in conjunction with Regulus ...	Venus 0°·3	North
18			Mercury superior conjunction with Sun ...		
25	5	30 A. M.	Mars in conjunction with Moon ...	Mars 4°	Do.
28	1	30 P. M.	Saturn in conjunction with Moon .	Saturn 3°	Do.
30			Jupiter in conjunction with Sun .		
31			Venus greatest brilliancy ...		
			August.		
1	11	30 A. M.	Annular eclipse of the sun ...		
2	9	30 P. M.	Mercury in conjunction with Moon ...	Mercury 0° 5	North
4	2	30 P. M.	Venus in conjunction with Moon ...	Venus 7°	South
4	11	30 P. M.	Mercury in conjunction with Regulus ...	Mercury 0° 8	North
13			Venus stationary in Right Ascension ...		
16	2	0 A. M.	Partial eclipse of the Moon ...		
17	1	30 P. M.	Mercury in conjunction with Venus ...	Mercury 6°.1	Do.
22	10	30 P. M.	Mars in conjunction with Moon ...	Mars 4°	Do.
25	0	30 A. M.	Saturn in conjunction with Moon.	Saturn 3°	Do.
29	3	30 A. M.	Jupiter in conjunction with Moon ...	Jupiter 0°.9	Do.
29			Mercury greatest elongation ...	27°	East
29	4	30 P. M.	Mercury in conjunction with Neptune ...	Mercury 4°	South
			September		
2	6	30 A. M.	Mercury in conjunction with Moon ...	Mercury 7°	Do.

Planetary Phenomena—1943—(*contd.*)

Day.	Hrs	Mts.				
			September -(contd.)			
6			Venus inferior conjunction with Sun ...			
9	6	30 P. M.	Mars in conjunction with Uranus.	Mars	1°.2	South
11			Mercury stationary in right ascension ...			
14			Uranus stationary in right ascension ...			
20	9	30 A. M.	Mars in conjunction with Moon...	Mars	4°	North
21	11	30 A. M.	Saturn in conjunction with Moon ...	Saturn	3°	Do.
24	4	30 A. M.	Autumnal Equinox ...			
24			Mercury inferior conjunction with Sun ...			
25			Venus stationary in Right Ascension ...			
25			Neptune in conjunction with Sun.			
25	8	30 P. M.	Jupiter in conjunction with Moon ...	Jupiter	0°.3	Do.
26	10	30 P. M.	Venus in conjunction with Moon.	Venus	8°	South
			October.			
3			Mercury stationary in Right Ascension ...			
9			Saturn stationary in Right Ascension ...			
10			Mercury greatest Elongation ...		18°	West
13			Venus greatest brilliancy ..			
14	0	30 A. M.	Mercury in conjunction with Neptune ...	Mercury	0°.6	North
18	10	30 A. M.	Mars in conjunction with Moon...	Mars	4°	Do.
23	1	30 P. M.	Jupiter in conjunction with Moon ...	Jupiter	0°·2	South
25	9	30 A. M.	Venus in conjunction with Moon ...	Venus	4°	Do.
28			Mars stationary in right Ascension ...			
			November.			
10			Mercury superior conjunction with Sun ...			
13	6	30 P. M.	Venus in conjunction with Neptune ...	Venus	0°.4	Do.
14	4	30 P. M.	Mars in conjunction with Moon...	Mars	5°	North
15	3	30 A. M.	Saturn in conjunction with Moon ...	Saturn	2°	Do.
16			Venus Greatest elongation ...		47°	West
20	3	30 A. M.	Jupiter in conjunction with Moon.	Jupiter	0°.7	South
24	0	30 A. M.	Venus in conjunction with Moon.	Venus	3°	Do.
29			Uranus in opposition with Sun ...			

Planetary Phenomena—1943—(*concld.*)

Day	Hrs.	Mts.	*December.*			
5			Mars in opposition with Sun ...			
11	6	30 A. M.	Mars in conjunction with Moon ...	Mars	7°	North
12	7	30 A. M.	Saturn in conjunction with Moon ...	Saturn	2°	North
14			Jupiter stationary in Right Ascension ...			
16			Satnrn in opposition with Sun ...			
17	1	30 P. M.	Jupiter in conjunction with Moon. ...	Jupiter	0°.3'	South
22	11	30 P. M.	Winter Solstice ...			
23			Mercury greatest elongation ...		20°	East
24	1	30 A. M	Venus in conjunction with Moon. ...	Venus	3°	South
27	4	30 A. M.	Mars in conjunction with Uranus ...	Mars	2°.8'	North
28	7	30 P. M	Mercury in conjunction with Moon. ...	Mercury	2°	South
30			Mercury stationary in Right Ascension ...			

Phases of the Moon.

Month.	Full Moon.		Last Quarter.		New Moon.		First Quarter.		Perigee.		Apogee.	
	Day.	Time.	Day.	Time.	Day.	Time.	Day.	Time.	Day.	Time.	Day.	Time.
January	21	5-18 P.M.	29	2-43 P.M.	6	7-7 P.M.	13	2-18 P.M.	6	6-30 P.M.	20	5-30 A.M.
February	20	0-15 P.M.	28	0-52 A.M.	5	5-59 A.M.	12	7-10 A.M.	4	6-30 A.M.	16	2-30 P.M.
March	22	4-38 A.M.	29	8-22 A.M.	6	5-4 P.M.	14	2-0 A.M.	4	1-30 P.M.	16	8-30 A.M.
March									31	11-30 P.M.		
April	20	5-41 P.M.	27	2-21 P.M.	5	4-23 A.M.	12	9-34 P.M.	25	10-30 P.M.	13	4-30 A.M.
May	20	3-43 A.M.	26	8-3 P.M.	4	4-13 P.M.	12	4-22 P.M.	22	8-30 P.M.	10	11-30 P.M.
June	18	11-44 A.M.	25	2-38 A.M.	3	5-3 A.M.	11	9-5 A.M.	19	9-30 P.M.	7	4-30 P.M.
July	17	6-51 P.M.	24	11-8 A.M.	2	7-14 P.M.	10	10-59 P.M.	18	4-30 A.M.	5	4-30 A.M.
August	16	2-4 A.M.	22	10-34 P.M.	1	10-36 A.M.	9	10-6 A.M.	15	2-30 P.M.	1	9-30 A.M.
August					31	2-29 A.M.					28	1-30 P.M.
September	14	10-10 A.M.	21	1-36 P.M.	29	5-59 P.M.	7	7-3 P.M.	12	11-30 P.M.	25	2-30 A.M.
October	13	7-53 P.M.	21	8-12 A.M.	29	8-29 A.M.	7	2-40 A.M.	11	0-30 A.M.	22	7-30 P.M.
November	12	7-56 A.M.	20	5-13 A.M.	27	9-53 P.M.	5	9-52 A.M.	6	4-30 P.M.	19	4-30 P.M.
December	11	10-54 P.M.	20	2-33 A.M.	27	10-20 A.M.	4	5-33 P.M.	1	4-30 P.M.	17	1-30 P.M.
December									29	8-30 A.M.		

Eclipses during 1943.

There will be four eclipses, two of the Sun and two of the Moon.

1. Total eclipse of the Sun on February 5th, invisible at Trivandrum.
2. Partial eclipse of the Moon on February 20th; invisible at Trivandrum.
3. Annular eclipse of the Sun on August 1st ; invisible at Trivandrum.
4. Partial eclipse of the Moon on August 15-16th; visible at Trivandrum.

CIRCUMSTANCES OF THE ECLIPSE.

		H.	M.	
Moon enters penumbra August 15th	...	11	28·0	P. M.
Moon enters Umbra ,, 16th	...	0	28·5	A. M.
Middle of the eclipse	...	1	58·4	A. M.
Moon leaves Umbra	...	3	28·1	A. M.
Moon leaves penumbra	...	4	28·3	A. M.

First contact of Umbra with Moon's limb 44° to E.

Last contact 71 to W.

Magnitude of the eclipse = 0·876 (Moon's diameter = 1·0)

Mean places of a few conspicuous stars—1943.

Star's Name.		Magnitude.	Right Ascension.			Declination.		
			H.	M.	S.	°	′	″
α Andromedae	..	2·2	0	5	26	+28	46	33
α Eridani (Achernar)	...	0·6	1	35	36	−57	31	33
β Arietis	...	2·7	1	51	29	+20	31	49
α Arietis	...	2·2	2	3	57	+23	11	39
α Ceti	...	2·8	2	59	18	+ 3	52	2
α Persei	...	1·9	3	20	14	+49	39	36
α Tauri (Aldebaran)	...	1·1	4	32	39	+16	23	47
β Orionis (Rigel)	...	0·3	5	11	48	− 8	15	58
α Aurigae (Capella)	...	0·2	5	12	28	+45	56	32
γ Orionis (Bellatrix)	...	1·7	5	22	4	+ 6	17	59
β Tauri	...	1·8	5	22	41	+28	33	40
α Orionis (Betelgeuse)	...	0·5	5	52	5	+ 7	23	53
β Aurigae	...	2·1	5	55	21	+44	56	38
β Canis Majoris	...	2·0	6	20	11	−17	55	35
α Argus (Canopus)	...	−0·9	6	22	41	−52	39	50
α Canis Majoris (Sirius)	...	−1·6	6	42	38	−16	38	12
α Gemini (Castor)	...	1·6	7	30	58	+32	0	54
α Canis Minoris (Procyon)	...	0·5	7	36	19	+ 5	22	21
β Gemini (Pollux)	...	1·2	7	41	50	+28	9	56
α Leonis (Regulus)	...	1·3	10	5	20	+12	14	48
β Ursae Majoris	...	2·4	10	58	25	+56	41	18
α Ursae Majoris (Dubhe)	...	2·0	11	0	14	+62	3	33
α Virginis (Spica)	...	1·2	13	22	11	−10	51	52
β Centauri	...	0·9	13	59	47	−60	5	56
α Bootis (Arcturus)	...	0·2	14	13	4	+19	28	42
α Centauri	...	0·1	14	35	43	−60	36	5
α Scorpii (Antares)	...	1·2	16	25	54	−26	18	26
α Triang Aust	...	1·9	16	42	27	−68	55	33
α Ophiuchi	...	2·1	17	32	17	+12	36	0
α Lyrae (Vega)	...	0·1	18	35	0	+38	43	46
α Aquilae (Altair)	...	0·9	19	48	0	+ 8	42	59
α Pavonis	...	2·1	20	21	9	−56	55	11
α Cygni (Deneb)	...	1·3	20	39	29	+45	4	33
α Cephei	...	2·6	21	17	13	+62	20	37
α Piscis Aust (Fomalhaut)	...	1·3	22	54	30	−29	55	29
α Pegasi (Markab)	...	2·6	23	1	55	+14	53	54
α Ursae Minoris (Polaris)	...	2·1	1	44	23	+88	59	38

Latitudes and Longitudes of some Important stations in Travancore.

No.	Stations.	Latitude North.			Longitude East.		
		°	′		°	′	
1	Cape Comorin ...	8	4		77	36·7	
2	Suchindram ...	8	8·5		77	31·5	
3	Kottar ...	8	9·5		77	30	
4	Nagercoil ...	8	10		77	30	
5	Udayagiri (Fort) ...	8	14·5		77	24	
6	Neyyattinkara ...	8	23·4		77	13	
7	Pechippara Dam ...	8	27		77	20	
8	Trivandrum Observatory ...	8°	30′	32″	76°	59′	45″
9	Nedumangad ...	8	33		77	8	
10	Anjengo ...	8	40		76	49·4	
11	Ponmudi (Sanatorium) ...	8	45·5		77	9·5	
12	Quilon ...	8	53·5		76	39·2	
13	Shencotta ...	8	57		77	19	
14	Kottarakara ...	9	0		76	49·5	
15	Kayankulam ...	9	10·2		76	34	
16	Mavelikara ...	9	14·4		76	36·3	
17	Chengannoor ...	9	19·5		76	40·5	
18	Tiruvalla ...	9	20		76	40	
19	Ambalapuzha ...	9	23		76	25·9	
20	Sabarimala ...	9	26		77	8·5	
21	Changanacherry ...	9	26·6		76	36	
22	Alleppey ...	9	29·6		76	24·5	
23	Periyar Dam ...	9	32		77	11	
24	Peermade ...	9	33·2		77	2·5	
25	Kottayam ...	9	38		76	37	
26	Shertala ...	9	41·4		76	24·5	
27	Vaikom ...	9	45·5		76	27·6	
28	Alwaye ...	10	6·5		76	25	
29	Parur ...	10	9·6		76	16·5	

Nakshatras.

No.	Name of Nakshatras in order.	Duration.		Corresponding Greek Names.
		°	′	
1	Asvini ...	0	0	Beta Arietis
2	Bharani ...	13	20	41 Arietis
3	Krittika ...	26	40	Eta Tauri (Alcyone)
4	Rohini ...	40	0	Alpha Tauri (Aldebaran)
5	Mrigasira ...	53	20	Lambda Orionis
6	Ardra ...	66	40	Alpha Orionis (Betalguese)
7	Punarvasu ...	80	0	Beta Geminorum (Pollux)
8	Pushya ...	93	20	Delta Cancri
9	Aslesha ...	106	40	Alpha Cancri
10	Magha ...	120	0	Alpha Leonis (Regulus)
11	Purva Phalguni ...	133	20	Delta Leonis
12	Uttara Phalguni ...	146	40	Beta Leonis
13	Hasta ...	160	0	Delta Corvi
14	Chitra ...	173	20	Alpha Virginis (Spica)
15	Svati ...	186	40	Alpha Bootis (Arcturus)
16	Visakha ...	200	0	Lota Librae
17	Anuradha ...	213	20	Delta Scorpii
18	Jyeshta ...	226	40	Alpha Scorpii (Antares)
19	Mula ...	240	0	Lambda Scorpii
20	Purva Ashadha ...	253	20	Delta Sagittarii
21	Uttara Ashadha ...	266	40	Sigma Sagittarii
22	Sravana ...	280	0	Alpha Aquilae (Altair)
23	Dhanishta ...	293	20	Alpha Delphini
24	Satabhisha ...	306	40	Lambda Aquarii
25	Purva Bhadrapada ...	320	0	Alpha Pegasi
26	Uttara Bhadrapada ...	333	20	Alpha Andromedae
27	Revati ...	346	40	Zeta Piscium

The mean duration of each Nakshatra is 1·01191 days, or 1 day, and nearly 17 minutes. 2¼ Nakshatras make one Rasi or Sign.

The duration of the rise of each Sign of the Zodiac in Mean time (Nirayana Rasimanam) for the places noted.

Rasi.	Cape Comorin.			Trivandrum.			Shencotta and Kottarakara.			Alleppey			Edapalli and Alwaye.		
Latitudes North	8°	4		8°	30		8 9	57 & 0		9°	30		10° 10	2& 6	
	H.	M.	S.	H.	M.	S.	H.	M.	S.	H.	M.	S.	H.	M.	S.
Medom ...	1	50	48	1	50	48	1	50	24	1	50	0	1	49	36
Edavom ...	2	3	12	2	3	12	2	2	48	2	2	48	2	2	24
Mithunam ...	2	10	48	2	10	48	2	10	48	2	11	12	2	11	12
Karkadagom ...	2	6	24	2	6	24	2	6	48	2	6	48	2	7	12
Chingom ...	1	59	12	1	59	36	2	0	0	2	0	24	2	0	48
Kanni ...	1	57	12	1	57	36	1	58	0	1	58	24	1	59	12
Thulam ...	2	2	48	2	2	48	2	3	12	2	3	36	2	4	0
Vrischigom ...	2	9	36	2	9	36	2	10	0	2	10	24	2	10	24
Dhanu ...	2	8	24	2	8	24	2	8	24	2	8	0	2	8	0
Makaram ...	1	56	48	1	56	48	1	56	24	1	56	24	1	56	0
Kumbhom ...	1	46	24	1	46	0	1	45	36	1	45	12	1	44	48
Meenam ...	1	44	24	1	44	0	1	43	36	1	42	48	1	42	24

Dimensions of the Sun and the Planets and the elements of the Planetary orbits.

Name.		Semi-diameter at unit distance.	Semi-diameter in Miles.	No. to give mass of the Sun.	Semi-major axis of orbit in astronomical units.	Eccentricity.	Sidereal mean daily motion.	Sidereal period in Tropical years.	Synodic period in days.	Inclination of the orbit to the ecliptic.
		′ ″					″			° ′ ″
Mercury	...	3·34	1504·3	9,000,000	0·387099	0·2056	14732·42	0·24085	115·88	7- 0-12·9
Venus	...	8·41	3787·7	403,490	0·723331	0·0068	5767·67	0·61521	583·92	3-23-38·4
Mars	...	4·68	2107·8	3,093,500	1·523688	0·0934	1886·52	1·88089	779·94	1-51- 0·3
Jupiter	E. P.	1—38·47 1—31·91	44348·9 41394·4	1,047	5·202803	0·0484	299·13	11·86223	398·88	1-18-23·8
Saturn	E. P.	1—23·33 1—14·57	37530·1 33584·8	3,502	9·538843	0·0558	120·46	29·45772	378·09	2-29-26·9
Uranus	...	34·28	15430·0	22,870	19·190978	0·0472	42·23	84·01529	369·66	0-46-22·3
Neptune	...	36·56	16465·9	19,314	30·070672	0·0086	21·53	164·78829	367·40	1-46-32·2
Pluto	...	...	...	...	39·45743	0·2485	14·33	247·6968	366·70	17- 8-36·5
Earth	E. P.	8·80 8·77	3963·34 3949·99	329,390	1·000000	0·0167	3548·19	1·00004	...	0- 0- 0

Dimension of the Satellites of the Planets and their Orbits.

No.	Planet.	Satellites.	Mean Distance in Astronomical Units.	Sidereal period in days.	Eccentricity of orbit.	Diameter in miles.
1	Earth ...	1 Moon ...	0·0026	27·3217	0·055	2160
2	Mars ...	1 Phobos } ...	0·0001	0·3189	0·017	...
		2 Deimos } ...	0·0002	1·2624	0·003	...
3	Jupiter ...	1 Io ...	0·0028	1·7691	small & variable	2109
		2 Europa ...	0·0045	3·5512	..	1865
		3 Ganymede ...	0·0072	7·1546	...	3273
		4 Callisto ...	0·0126	16·6890	...	3142
		5	0·0012	0·4982	...	...
		6	0·0766	250·6200	0·155	...
		7	0·0785	260·0700	0·207	...
		*8	0·1572	738·9000	0·380	...
		*9	0·1581	745·0000	0·248	14
4	Saturn ...	1 Mimas ...	0·0012	0·9424	0·019	370
		2 Enceladus ...	0·0016	1·3702	0·005	460
		3 Tethys ...	0·0020	1·8878	0·000	750
		4 Dione ...	0·0025	2·7369	0·002	900
		5 Rhea ...	0·0035	4·5175	0·001	1150
		6 Titan ...	0·0082	15·9455	0·029	3550
		7 Themis ...	0·0096	20·8500	...	...
		8 Hyperion ...	0·0100	21·2767	0·119	...
		9 Iapetus ...	0·0238	79·3308	0.029	...
		*10 Phoebe ...	0·0866	550·4500	0·166	...
5	Uranus ...	*1 Ariel } ...	0·0013	2·5204	...	...
		*2 Umbriel } ...	0·0018	4·1442	...	...
		*3 Titania } ...	0·0029	8·7059	...	...
		*4 Oberon } ...	0·0039	13·4633	...	...
6	Neptune ...	*1 Triton ...	0·0024	5·8768	...	...

*Denotes retrograde motion.

Standard Time.

As it would be extremely inconvenient if local mean times were adopted at all places on the surface of the earth, the time over a large area is reckoned from some convenient meridian passing through that area, and the local mean time corresponding to that meridian is called the standard time for that area. Usually the standard time for a place differs from the Greenwich time by an integral number of hours and the following list gives the principal countries adopting the standard times given against them. In some countries, the legal time during the summer months is in advance of the standard time, and is then designated "Summer time."

hrs.	*m.*	*s.*	*Places.*
—12	0		N and S coasts of Siberia.
—11	30		New Zealand.
—11	0		Siberia up to longitude 172°—30′ E.
—10	0		Siberia up to longitude 157°—30′ E. New South Wales, Tasmania, Victoria.
— 9	30		South Australia.
— 9	0		Japan, Korea.
— 8	0		Part of China, Philippine Islands, Western Australia.
— 7	0		N. Siberia up to longitude 112° 30′ E.
— 6	30		Andaman Islands, Burma. Nicobar Islands,
— 6	0		N. Coast of Siberia up to longitude 97° 30′ E.
— 5	53	20·8	Calcutta only.
— 5	30		India, Ceylon, Laccadive Islands.
— 5	0		N. Coast of Siberia to longitude 82° 30′E. Chagos Archipelago
— 4	54		Maldive Islands.
— 4	0		Mauritius Islands.
— 3	0		Madagascar, Socotra, Russia (from 40 degrees E to 52 degrees 30′ E.
— 2	0		East Europe (Rumania, Bulgaria, Turkey, Greece, Egypt, South Africa)
— 1	0		Mid Europe (Norway, Sweden, Denmark, Germany, Poland. Czechoslovakia, Austria, Switzerland, Italy, West-Africa, Belgian Congo)
0	19	32·1	Holland.
0	0		(Greenwich) Great Britain, Ireland, France, Belgium, Spain, Portugal Algeria, Morocco.
1	0		Iceland ; Portuguese and French Guinea
2	0		Azores ; Trinidad Islands (South Atlantic)
3	0		Eastern Brazil.
4	0		Canada, Bermuda, Trinidad. Central Brazil, Argentina.

hrs.	m.	Places.
5	0	Eastern Canada (from 68° to 89°) Eastern States of U. S. A., Cuba, Jamaica, Panama, Chile, Western Brazil.
6	0	Central Canada (from 89° to 103°) Central States of U. S. A., Mexico, Honduras, Costa Rica.
7	0	Canada from 103° to British Columbia. Arizona, Mexico.
8	0	(Pacific) British Columbia, California, Washington.
10	0	Alaska.
11	0	Aleutian Islands, West Coast of Alaska.
11	30	Western Samoa. (British)

NOTE:—Negative sign indicates the amount by which the local time is in advance of Greenwich time.

The Calendar.

A calendar is a method of combining days into periods like weeks, months and years adapted to civil, religious or scientific purposes. The periods such as year, month and day are depending upon astronomical phenomena though their exaot lengths are fixed by other considerations as well; hut the weeks and sub-divisions of a day are entirely artificial. The incommensurability of these astronomical periods referred to have caused some complexity in the framing of a proper calendar to suit all purposes. The solar day and the lunar month are two periods governing the supply of light to us from the sun and the moon, while the tropical year is a period marking the occurrence of the seasons at the same parts of the year. The synodic month and the tropical year are slowly decreasing in length, but they are not affecting the framing of calendars. Among the calendars that were in use in the ancient world may be mentioned the Egyptian, the Babylonian, the Greek, the Hindu, the Jewish, the Roman, the Ecclesiastical, the Gregorian and the Mohammadan calendars. Some of these are even now followed in certain countries.

What is used in this Ephemeris is the Gregorian Calendar which is itself a modification of the Roman or the Julian calendar. Though the Roman months were originally lunar, Julius Caesar introduced the system of the present 12 months of a year and 3 ordinary years of 365 days each and a fourth year of 366 days called the leap year, so that each year may have a whole number of days, and at the same time four such years may be as near to four tropical years as possible. This system of reckoning was later modified by Pope Gregory XIII in A. D. 1582, as 400 Julian years were in excess of 400 tropical years by about 3 days. To make up this excess, omission of one day in each of the years 100, 200, 300, in a cycle of 400

years was suggested by Pope Gregory. He also fixed 21st March as the date when the Vernal Equinox should fall, that being the date fixed for it in Easter tables. The Gregorian Calendar makes the mean length of the year in it 365·2425 days which is very nearly the length of the tropical year; and therefore this mode of reckoning time makes the seasons fall on the same dates as if the Tropical years are reckoned, and at the same time it is free from the inconvenience of using an incommensurable number of days for a year.

From the beginning of 1925 the principal ephemerides have reckoned the day from mean midnight to mean midnight instead of from mean noon to mean noon.

Mohammadan Calendar. In this the era of the Hegira began with the year of Mohammad's flight in A. D. 622. In this calendar each year has 12 lunar months so that each month goes the round of the seasons in 33 years. For religious purposes, the beginning of the month is fixed by the observation of the lunar crescent; for purposes of civil life, different beginnings of the month have been used by different people of the same country. So to fix a date which is reckoned from sunset to sunset, it is also necessary in this calendar to give the day of the week.

Hindu Calendar.—There are various calendar systems in use in India, some using the solar reckoning such as the Tamil, Malayalam or Bengal school, and others using the lunar reckoning such as the Mohammadan or the Jewish calendar.

The solar months are generally named after the Rasis or the signs of the zodiac in which the sun is situated in any month, and commence with the time of the sun's entry into any of these signs (sankranti). But in Tamil they are also known by another set of names modified from the names of *nakshatras* when the full moon invariably occurs for the different months. The Hindu astronomical year is anomalistic though it ought to be sidereal, as its length is defined to be the interval between the sun's passing consecutively a fixed point of the ecliptic (Mesha Sankranti). The moment of the Mesha Sankranti marks the commencement of the solar month Vaisakha in Bengal, of the solar month Chittirai in Tamilnad, and of the solar month Medom in Travancore, Cochin and Malabar. The most ancient Hindu solar reckoning is supposed to date from the 18th February 3102 B. C. which is the beginning of Kali Yuga or O. K. Y. Thus by adding 3101 to an English calendar year A. D. one can always get the corresponding K. Y. year.

Kollam Era. This is used in Travancore, Cochin and Malabar since 825 A. D. and the years in it are solar and each year begins with the 1st of Chingom (Simha Sankranti). In some parts of North Malabar, the new year begins with Kannya Sankranti. There are also various other eras used throughout India, such as Saka era, Vikrama era, Bengali San, Fasli, etc.

Definition and explanation of the Astronomical terms in the Almanac,

Aberration is the term applied generally to the deviation of the course of a ray of light from any source due to the relative velocity between the observer and the source. The velocity of light and the annual orbital motion of the earth or its daily rotation make the apparent place of a star different from its true or mean place. This shift from the true place due to either of these causes is known as annual or diurnal aberration. This term is also used for the defects of an uncorrected lens in failing to bring to the same focus rays of all colours (chromatic aberration) or in bringing the rays passing through its edge to a shorter focus than those passing through the central parts (spherical aberration)

The Sun's annual aberration makes its apparent position a little behind its true position. Therefore the numbers in the column Sun's aberration on page 7-2 are to be subtracted from the true longitude of the Sun to get its apparent longitude at any time.

Annular applied to the solar eclipse, refers to the middle of the eclipse when the moon is not able to completely cover the Sun's disc, which therefore appears as a bright ring This is due to the moon's apparent angular diameter being less than that of the Sun, at the time of such an eclipse.

Anomaly. The angle at the Sun between the place of a planet or comet and the nearest point of its orbit to the Sun (perihelion). The anomalistic year is the interval elapsing between two successive perihelion passages of the earth. The anomalistic month is similarly reckoned for the motion of the moon round the earth.

Aphelion The remotest point in the orbit of a planet or comet away from the Sun.

Apogee. The most distant point on the lunar orbit measured from the earth Also refers to the position of the Sun when it is most distant from the earth in its apparent orbit.

Apparent Time. Time indicated by the Sun, and given by an instrument like the Sun-dial. Owing to the varying velocity of the earth, and the obliquity of the ecliptic, the day determined by two consecutive transits of the Sun across any meridian is not of the same length and is therefore not suitable as a unit of precise time measurement. Therefore mean solar time and mean solar day have to be devised.

Colures The two principal great circles of the celestial sphere which pass from pole to pole, one passing through the equinoctial points of longitudes 0 and 180 degrees and the other through the points of summer and winter solstices which are of longitudes 90 and 270 degrees.

Conjunction. A term to denote the position of two bodies when they have the same longitude or right ascension. In the case of the two planets Mercury and Venus, there are two kinds of conjunction with the Sun. When they pass the Sun on the nearer side of their

orbits, they are said to be in inferor conjunction. and when thsy pass the Sun on the fartherside of their orbits, they are in superior conjunction.

Culmination. The passage of a heavenly body over the meridian of a place; the one above the pole is called the upper culmination and the other below the pole is called the lower culmination.

Cusps. The end-points of the horns of the crescent Moon or Venus or Mercury when they show similar phases.

Declination. The angular distance of a celestial body north or south of the celestial equator measured in the direction of either of the poles. Declination corresponds to terrestrial latitude.

Dichotomy. The aspect of the Moon or a planet showing half lluminated phase.

Dominical letter. This is that letter of the first seven letters of the English alphabet which corresponds to the Sundays of any year. This is also known as Sunday lettsr.

Eccentricity. If the semi major and minor axes of an elliptic orbit of a planet or comet be a and b, the eccentricity of that orbit is $\sqrt{\frac{a^2-b^2}{a^2}}$. For the earth's orbit, this is 1/60 nearly. For a circular orbit this quantity is zero.

Ecliptic. The great circle of the celestial sphere (the apparent spherical surface containing the stars and other celestial bodies, whose assumed rotation in what is termed a sidereal day causes the phenomena of the rising and setting of these bodies) on which the Sun appears to move and complete the revolution in a year.

Elongatton. The apparent angular distance of a body from its centre of motion.

Epact. This is the age of the Moon at the beginning of any year.

Epoch. A date of reference used in Astronomical calculations.

Equation of time. The time in minutes and seconds which is added to the apparent solar time to give the mean solar time ussd in Civil reckoning. The mean solar units of time measured by ordinary clocks and watches are derived from a mean solar day. Such a day is the interval between two consecutive transits of a body uniformly moving along the equator with the velocity equal to the mean motion of the earth round the Sun. The mean day commences with the lower culmination of the mean Sun or mid-night and its first part of twelve hours is marked by A. M., and its latter part of twelve hours is marked by P. M. Each hour is sub-divided into 60 minutes and each minute into 60 seconds.

Equinox. Either of the two points at which the Sun crosses the equator during its annual course along the ecliptic. When the Sun is at either of these points, the days and nights are each of 12 hours duration for all parts of the world. For people in the Northern hemisphere these dates (21st March for Vernal or Spring equinox, and 23rd September for Autumnal equinox) mark the beginnings of Spring and Autumn.

First Point of Aries. The point of the ecliptic where the equator cuts it. The sun is at this point on the 21st March, the equinoctial day. This point was originally in the zodiacal division marked by the constellation Aries ; but has now shifted by retrograde motion called precession to the preceding division marked by Pisces. By such a motion this point will move right round the ecliptic in about 25, 800 years.

Golden Number. This number denotes the order of any year for which it is referred, in a lunar cycle of 19 years, at the lapse of which the phases of the moon will get repeated in the same order as in the previous cycle. This is due to the fact that 19 tropical years and 235 synodic months are almost equal to one another (6939·6 days).

Geocentric. With reference to the earth or the earth's centre as origin, as opposed to Heliocentric, when the Sun is referred to as origin of measurement.

Great Circle. A circle whose plane passes through the centre of the sphere on which it lies In the case of the representative surface containing celestial objects with the observer as the centre, the equator, the ecliptic, the meridian etc., are all examples of great circles.

Heliocentric. With reference to either the Sun or the centre of the Sun as origin of measurement. In specifying the positions of planets, comets etc., their heliocentric positions are first calculated and then their geocentric positions are derived by a knowledge of the earth's motion. Further corrections due to parallax, refraction etc., would give the apparent position of such objects.

Horizon. The tangent plane to the earth at any point meets the apparent stellar sphere (celestial sphere) in what is called the celestial horizon ; refraction and the height of the observer would change its position, and thus would make what is known as visible horizon somewhat below the true or celestial horizon. Thus the celestial bodies are actually seen to rise before they come to the celestial or Astronomical horizon.

Latitude. The angular distance of a celestial body measured from the ecliptic in the direction of either of its poles. This is known as celestial latitude, as distinguished from terrestrial latitude, which is the angular distance of a place from the earth's equator, measured in the direction of either of the poles.

Light year. The distance that a ray of light travels in a year, which is nearly 6 billion miles. This is a convenient unit to refer to the distances of stars. The nearest star to us is about four light years distant.

Local Time. The time at any place. The times at different places of the earth are different. The rotation of the earth in a day makes the times of places of eastern longitudes faster than those of stations situated west of these. Fifteen degrees of longitude difference between any two stations will correspond to one hour of difference in time between them.

Longitude. Terrestrial longitude is the angular distance along the equator of a place on the earth East or West of some fixed meridian. The meridian of a place is the great circle passing through the North and South points and the Zenith of the place. Celestial longitude is the angular distance of a body measured from the first point of Aries along the ecliptic.

Lunation. The period from New moon to New moon. This is also known as a Synodic month.

Magnitude. The apparent brightness of a star in any chosen system.

Node. One of the points in which the orbit of the Moon or a planet or a comet cuts the plane of the ecliptic. The ascending node is that at which the body changes its position from the South to the North of the ecliptic. The opposite node is called the descending node.

Nutation. A small variation in the regular retrograde motion of the equinoctial points due to luni-solar precession This is due to the fact that the lunar orbit is not coincident with the ecliptic.

Obliquity. The inclination of the ecliptic to the celestial equator. This would vary from 21° 59′ to 24° 36′. The seasons are caused by this factor.

Occultation. The disappearance of a distant celestial body behind the disc of a nearer body, such as the occultation of a star by the Moon.

Opposition. The Moon or a planet is in geocentric opposition when its geocentric longitude differs from that of the Sun by 180°. This is exactly the case with the Moon on all full moon days.

Parallax. The apparent angular change in the position of a celestial body due to the change in the position of the observer. For nearer bodies like the moon, sun and the planets, such a change is noticeable when observed from different points on the earth. This is known as geocentric parallax. But for a star no such change is observed. However the direction to the same star changes when observed at different times of the year, due to the orbital dimensions of the earth's orbit and the fact that the observer is shifting his position in space due to such a motion of the earth. This is known as stellar parallax. Such an apparent displacement of an object due to geocentric parallax when it is at the horizon of a place is known as the horizontal parallax, and when the observer is on the earth's equator it is known as the equatorial horizontal parallax and is the greatest angle subtended by the earth's radius at the object.

Perigee. The point in the Moon's orbit nearest to the Earth. Also the apparent position of the Sun when it is nearest to the earth, taking the latter as central.

Perihelion. The point in the orbit of a planet when it is nearest to the Sun.

Phase. Any aspect of a body or phenomenon as progressive changes occur in its motion. The phases of the moon as its angular distance from the Sun changes or the phases of an eclipse as time lapses, are examples.

Precession. The equinoctial points have an annual retrograde motion of about 50″·25 along the ecliptic with a sidereal period of

25,800 years. This is known as precession and is due to the disturbing effect of the attractions exerted by the Sun and the Moon on the equatorial bulge of the earth.

Quadrature. This is a term applied to the position of the Moon or a planet when its geocentric longitude differs from the of the Sun by 90°.

Refraction. The bending of a ray of light when it passes from one transparent medium to another of different density. The atmosphere is increasing in density as the ray of light approaches the earth. Therefore the apparent places of stars are nearer the zenith. The atmospheric refraction is influenced by changes of temperature and density of the air.

Retrograde Motion. Motion from East to West, which is sometimes observed in the apparent motion of a planet, and which exists really in the motions of some of the satellites. This is opposite to the direct or West to East motion of all bodies of the solar system revolving round the Sun, except a few satellites of remote planets.

Right Ascension. The angular distance of a celestial body measured eastwards along the equator from the First Point of Aries. It is reckoned in hours, minutes and seconds also, when the angular measure is divided by 15.

Sidereal Time. This is the angular distance of the First Point of Aries measured westwards from the meridian along the equator, divided by 15. At a given sidereal time, all stars of Right Ascension equal to the sidereal time will be transitting at any place. The unit of sidereal time is the period of rotation of the earth round its axis, known as a sideral day. The beginning of the sidereal day for any place is marked by the transit of the First Point of Aries across the meridian of the place. The sidereal time is different for places of different longitudes, and is indicated by what is called a Sidereal clock reckoning time from zero to twentyfour hours. A sidereal day is thus sub-divided into 24 equal sidereal hours, each sidereal hour again into 60 sidereal minutes and each sidereal minute again into 60 sidereal seconds. A sidereal day is less than a mean solar day by 3 minutes 55·994 seconds of mean solar time or a mean solar hour is in excess over a sidereal hour by 9·8296 seconds of mean solar time. The sidereal time at mean noon is the Right Ascension of the mean Sun then and is the hour angle of the First Point of Aries at mean noon. Again the mean time at sidereal noon is the hour angle of the mean sun at the instant of transit of the First Point of Aries. This is helpful in getting the mean time corresponding to any sidereal time known by star observations.

Solstices. The points on the ecliptic having longitudes 90 degrees and 270 degrees. The Sun occupies these points at the beginning of Summer and Winter, when it is most distant from the equator North or South.

Stationary points. The points in a planet's orbit at which it appears to be stationary in longitude with respect to the stars for observers on the earth.

Synodic. A term to give the motion of a body relative to the Sun. The synodic period of a planet is thus the period between two consecutive conjunctions or oppositions of the planet with the Sun.

Transit. The passage of a celestial body across the meridian of a place. Also refers to the passage of either Mercury or Venus across the solar disc or the passage of any of the satellites of a planet like Jupiter across the disc of the planet.

Tropical Year. The time interval between two consecutive passages of the Sun through the Vernal equinox. This is slightly less than a sidereal year, which is the time between the Sun's passing consecutively a fixed point of the ecliptic, owing to the retrograde motion of the equinoxes. The sidereal year itself is shorter than the anomalistic year, as the major axis of the earth's orbit has a forward motion.

Zodiac. The belt of the sky along the ecliptic extending to about 8 degrees on either side of it. This is divided into twelve divisions marked by the so-called zodiacal constellations. The Hindu signs of the zodiac are merely the exact twelve divisions of the ecliptic. Any point of the ecliptic rising at anyinstant is the *Legnam* of the instant and the longitude of the point measured from the origin Mesha is the *legnasputom.*

NOTES.

According to the Government Communique dated 24th August 1942, the New Indian Standard Time has been adopted from 1st September 1942, corresponding to 16th Chingom 1118 throughout the State. Hence the time noted in this denotes the New Indian Standard Time only, wherever any special mention is not made.

The times of Sunrise and Sunset given are for the centre of the solar discrising above the horizon. The effect of refraction is also included.

The longitude for the Sun is the true longitude referred to the mean equinox of the year and from it the apparent longitude can be obtained by adding precession in longitude and Nutation in longitude and subtracting aberration.

The Sun's declination is necessary to find the latitude of a place or to find apparent time from an observed altitude, or compute the time of the Sun rising or setting. This quantity and the Sun's right ascension would also fix the position of the sun every day at 6-22 A. M.

The Moon's right ascension and declination are useful to compute her altitude at any time or to deduce the time from an observed altitude. These also fix her position in the celestial sphere. The Moon's declination will serve also the determination of the latitude of a place by meridian observation of altitude or for finding her azimuth or the times of rising and setting.

The Moon's age given is the number of days that have elapsed since the previous New Moon.

The Moon's longitude indicates its position referred to the true equinox; and from it the ending moment of *Nakshatra* could be computed applying the *Ayanamsa.*

The longitudes of planets fix their positions with respect to the true equinox, and also the different zodiacal signs.

The mean longitude of the ascending node of the lunar orbit fixes the position of *Rahu.*

Principal Hindu Festivals in 1943.

JANUARY.

	Dhanu 1118	
6	New Moon Sraddha	22
7	Pousha month begins	23
9	H. H. The First Prince's Birthday	25
	Makaram	
14	Uttarayana Punniakalam	1
	Makaram	
14	Uttarayana begins, Tai Pongal. Makara Sivveli at Trivandrum	1
15	Mattu Pongal	2
22	Tai Pooyam	9

FEBRUARY.

	Makaram	
3	Vavu Orikkal*	21
4	New Moon Sraddha, Vavu Bali	22
5	Magha month begins	23
11	Ratha Saptami	29
	Kumbham	
25	Ashtakakala begins	13
27	Ashtami at Vaikam	15

MARCH.

	Kumbham	
4	Sivaratri Vritham	20
6	New Moon Sraddha, Kaliyugadi	22
7	Phalguna month begins	23
	Kumbhom	
11	H. H. The Fourth Princess's Birthday.	27
	Meenam	
30	H. H. The Elaya Raja's Birthday.	17

APRIL.

	Meenam	
4	New Moon Sraddha	22
5	Swarbhanu year begins Chaitra month begins Yugadi Pandika	23
7	Meena Bharani	25
	Meenam	
9	Utsavam at Trivandrum begins	27
13	Vishu Punniakalam	31
	Medam	
14	Vishu. Sri Rama Navami	1
18	Arat at Trivandrum	5
20	Chitragupta Pooja, Chitra Pournima	7

MAY.

	Medam	
4	New Moon Sraddha	21
5	Vaisakha month begins	22
7	Akshaya Triteeya, Krithayugadi	24
	Medam	
11	Agni Nakshatra Dosha begins	28
	Idavam	
24	Agni Nakshatra Dosha ends	10

JUNE.

	Idavam	
2	New Moon Sraddha	19
3	Jaishta month begins	20
	Mithunam	
21	Ardra Pravesam	7

JULY.

	Mithunam	
2	New Moon Sraddha	18
3	Ashadha month begins	19
16	Dakshinayana Punniakalam, Dakshinayana begins, Karkataka Seeveli at Trivandrum	32

JULY.—(*contd.*)

		Karkatakam			Karkatakam
17	Yajurvedi Upakarmam	1	31	New Moon Sraddha, Vavu Bali	15
30	Vavu Orikkal	14			

AUGUST.

		Karkatakam 1118			Chingam 1119
2	Sravana month begins	17	22	Ashtami Rohini Vritham	6
13	Varalakshmi Vritham	28	28	H. H The Sixth Princess's Birthday	12
15	Lunar Eclipse	30	30	New Moon Sraddha	14
16	Gayatri Japam, Adi Aruthi	31	31	Proshtapada month begins	15
		Chingam 1119			
17	Avani Pirappu	1			

SEPTEMBER.

		Chingam 1119			Kanni
3	Vinayaka Chathurthi	18	19	Ashtakakala begins	3
4	Rishi Panchami Vritham	19	26	Dwaparayugadi	10
10	First Onam	25	29	New Moon Sraddha, Mahalaya Amavasi Mahalaya Paksha ends, Pooja Vaippu	13
11	Thiru Onam. Rigvedi Upakarmam	26	30	Asvina month begins	14
12	Third Onam	27			
13	Fourth Onam, Anantha Vritham	28			
14	Fifth Onam. Mahalaya-paksha begins	29			

OCTOBER.

		Kanni			Thulam
6	Durgashtami	20	27	Deepavali at night, Narakachathurdasi, Utsavam at Trivandrum begins Karikkuvettu	10
7	Mahanavami	21	28	H. H. The Maharaja's Birthday, New Moon Sraddha	11
8	Vijaya Dasami, Pooja Eduppu	22	30	Karthika month begins	13
16	H. H. The First Princess's Birthday	30			

NOVEMBER.

		Thulam			Vrischigam
2	Birthday of Her Highness Maha Rani Setu Parvati Bayi	16	20	Ashtami at Vaikam	4
3	Skanda Shashti Vritham	17	27	New Moon Sraddha	11
5	Arat at Trivandrum	19	28	Margaseersha month begins	12
6	Tretayugadi	20	30	H. H. The Senior Maha-Rani's Birthday	14
13	H. H. The Third Princess's Birthday, Temple Entry Proclamation Day	27			

DECEMBER.

		Vrischigam			Dhanu
7	Guruvayoor Ekadasi	21	26	New Moon Sraddha	11
10	Thrikkartika	24	28	Pousha Month begins	13
		Dhanu	30	H. H. The First Prince's Birthday	15
20	H. H. The Second Princess's Birthday	5			

Principal Christian Festivals in 1943.

JANUARY.

1 FRIDAY	Circumcision.
6 WEDNESDAY	Epiphany.

FEBRUARY.

21 SUNDAY	Septuagesima
28 SUNDAY	Sexagesima

MARCH.

7 SUNDAY	Quinquagesima
10 WEDNESDAY	Ash Wednesday
14 SUNDAY	First Sunday in Lent.
19 FRIDAY	Saint Joseph.
21 SUNDAY	Second Sunday in Lent.
28 SUNDAY	Third Sunday in Lent.

APRIL.

4 SUNDAY	Fourth Sunday in Lent.
11 SUNDAY	Passion Sunday
18 SUNDAY	Palm Sunday.
22 THURSDAY	Maundy Thursday
23 FRIDAY	Good Friday.
24 SATURDAY	Holy Saturday.
25 SUNDAY	Easter Sunday.

MAY.

2 SUNDAY	Low Sunday.

JUNE.

3 THURSDAY	Ascension Day.
13 SUNDAY	Whit Sunday.
20 SUNDAY	Trinity Sunday.
24 THURSDAY	Corpus Christi, and St. John the Baptist.
29 TUESDAY	Saints Peter and Paul.

JULY.

2 FRIDAY	Sacred Heart.
16 FRIDAY	Our Lady of Mount Carmel.

AUGUST.

15 SUNDAY	Assumption of the B. V. Mary. Lady Day.

SEPTEMBER.

8 WEDNESDAY	Nativity of the B. V. Mary.
29 WEDNESDAY	St. Michæl's Day Michælmas Day.

OCTOBER.

31 SUNDAY	Feast of Christ King.

NOVEMBER.

1 MONDAY	All Saints Day.
2 TUESDAY	All Souls Day.
28 SUNDAY	First Sunday in Advent.

DECEMBER.

5 SUNDAY	Second Sunday in Advent.
12 SUNDAY	Third Sunday in Advent.
19 SUNDAY	Fourth Sunday in Advent.
25 SATURDAY	Christmas Day.
26 SUNDAY	Saint Stephen's Day.

Principal Muhammadan Festivals in 1943.

Hijri Era 1361—1363 Malayalam Era 1118-1119

Name of Festivals. Month and Date.		Hijri Month and Date.	Malabar Month and Date.
	JANUARY.		
8	New year's day ...	1 Muharam 1362	24 Dhanu 1118
12	Shaikh Fareed Shakarganj Urus ...	5 Do.	28 Do.
14	Muharam Festival ...	7 Do.	1 Makaram
15	Do. ...	8 Do.	2 Do.
16	Do. ...	9 Do.	3 Do.
17	Do. ...	10 Do.	4 Do.
	MARCH.		
3	Akhirchahar Shamb ...	25 Safar	19 Kumbhom
19	Milad-i-Sheriff ...	12 Rabial-Awall	6 Meenam
	APRIL.		
16	Meera Mohiuddin Shaikh Abdul Qadar Jailiani Urus...	10 Rabial-Akhir	3 Medam
20	Shah Qalandar Urus ...	14 Do.	7 Do.
24	Sultan Nizamuddin Urus ...	18 Do.	11 Do.
30	Moulana Farid Ahmad Urus..	24 Do.	17 Do.
	MAY.		
21	Ibrahim Adaham Urus ...	16 Jamadiul Awal	7 Edavam
29	Ali Qalandar Urus ...	24 Do.	15 Do.
	JUNE.		
14	Quadarwoli Urus ...	10 Jamadiul Akhir	31 Do.
16	Baba Fakhruddin of Penukonda Urus ...	12 Do.	2 Mithunam
	JULY.		
10	Khaja Mohiuddin Chishti Urus ...	6 Rajab	26 Do.
22	Immam Jafar Sadiq Urus ...	18 Rajab	6 Karkatakam
30	Shab-i-Miraj ...	26 Do.	14 Do.

AUGUST.

15	Shabi-Barath (for Hanafis)...	13 Shaban	30 Karkatakam
17	Do. (for Shafies)...	15 Do.	1 Chingam 1119

SEPTEMBER.

2	Ramzan fast ...	1 Ramzan	17 Do.
15	Sultan Tabri-Alam Urus ...	14 Do.	30 Do.
27	Lylathurkadar ...	26 Do.	11 Kanni
30	Ramzan ...	29 Do.	14 Do.

OCTOBER.

1	Do. ...	1 Shawal	15 Do.
18	Khaja Amir Khusru Urus ...	18 Do.	1 Thulam

NOVEMBER.

14	Bandenawaz Urus ...	15 Zilkada	28 Do.
27	Shohada-i-Ushad ...	28 Zilkada	11 Vrischigam

DECEMBER.

8	Bakrid ...	9 Zil-hijja	22 Do.
9	Do. ...	10 Do.	23 Do.
29	New year's day ...	1Muharam 1363	14 Dhanu

Principal Festivals in the Important Hindu Temples of the State.

Month.	Devaswom.	Festival.	Date.
January ...	Chengannur	Utsavam	23-12-1942 to 19-1-1943
	Sabarimala	Makaravilakku	14-1-1943 to 20-1-1943
February ...	Varkala	Makaram New Moon	4-2-1943
	Ettumanur	Utsavam	7-2-1943 to 16-2-1943
	Thiruvella	Utsavam	9-2-1943 to 18-2-1943
	Vaikam	Kumbhashtami	27-2-1943
March ...	Varkala	Utsavam	13-3-1943 to 22-3-1943
	Ambalapuzha	Utsavam	22-3-1943 to 31-3-1943
April ...	Tiruvattar	Meenam Utsavam	9-4-1943 to 18-4-1943
	Haripad	Utsavam	14-4-1943 to 23-4-1943
May ...	Suchindram	Medam Utsavam	4-5-1943 to 13-5-1943
	Suchindram	Theppam	13-5-1943
	Kanyakumari	Utsavam	10-5-1943 to 19-5-1943
July ...	Varkala	Karkatakam New Moon	31-7-1943
November ...	Tiruvattar	Thulam Utsavam	27-10-1943 to 5-11-1943
	Vaikam	Utsavam	9-11-1943 to 21-11-1943
	Vaikam	Ashtami	20-11-1943
December ...	Suchindram	Margali Utsavam	31-12-1943 to 9-1-1944
	Suchindram	Car festival	8-1-1944

Holidays for the Huzur Cutcherry in 1943.

JANUARY

1. New year's day
7. 7th January
14. Makarasamkranthi, Tai Pongal
17, Muharam

FEBRUARY.

3. Makaravavu Orikkal
4. Makara vavu

MARCH

4. Sivarathri
19. Milad-i-Sheriff

APRIL.

14. Vishu
18. Arat at Trivandrum
22. Maundy Thursday
23. Good Friday
24. Holy Saturday

MAY.

24. Empire Day.

JUNE.

3. Ascension Day
24. Corpus Christi

JULY

16. Karkatakasamkranthi
17. Avani Avittam
30. Karkatakavavu Orikkal
31. Karkataka vavu

AUGUST.

15. Shaba Barat.
16. Gayatri Japam
17. Avani Pirappu
22. Ashtamirohini

SEPTEMBER.

3. Vinayaka Chathurthi
10 First Onam
11. Thiru Onam
12. Third Onam
13. Fourth Onam
14. Fifth Onam
21. Samadhi day of Sri Narayana guru
29. Mahalaya Amavasi

OCTOBER.

1. Ramzan.
6. Durgashtami
7. Mahanavami
8. Vijayadasami
27. Karikkuvettu
28. H. H. The Maharaja's Birthday, Deepavali

NOVEMBER.

5. Arat at Trivandrum
13. Temple Entry Proclamation Day

DECEMBER.

9. Bakrid.
10. Thrikkarthika
25, 26, 27, 28, 29, 30 and 31. Christmas Holidays.

List of local holidays.

Trivandrum:	Karikkuvettu in connection with His Highness the Maharaja's Birthday. His Highness' procession to Sasthamangalom—from 3 P. M. Alpasi Arat. Pankuni Arat.
Agastisvaram:	Suchindram car festival in Margali. Suchindram car festival in Chithirai. Nagercoil car festival in Thai. Suchindram festival in Margali—seventh day.
Tovala:	Suchindram car festival in Margali.
Kalkulam:	Suchindram car festival in Margali. Mandakaud Kodai in Masi. Kalkulam car festival in Pankuni.
Eraniel:	Suchindram car festival in Margali. Mandakaud Kodai in Masi. Kalkulam car festival in Pankuni.
Boothapandy:	Bhoothapandy car festival in Margali.
Neyyattinkara, & Nedumangaud:	Alpasi Arat and Pankuni Arat in Trivandrum
Chirayinkil:	Do. and Sarkara Bharani in Meenom.
Quilon & Kayamkulam Sub-Registry Office.	Ochira Kali in Ani.
Karunagapally:	Do. and Thai Pooyam in the Panmana Temple in Makaram.

Haripad:	Haripad festival in Chithirai.
Shencotta:	Shencotta car festival in Thai.
Alleppey:	Ashtami at Vaikam in Vrischigom.
Ambalapuzha (Sub-registry office. Mararikulam excluded)	Moolakalcha in Ani.
Ambalapuzha Sub-Registry office.	Ninth day of Utsavam at Ambalapuzha in Meenam.
Mararikulam Sub-registry Office:	Do. Do. Ashtami at Vaikom in Vrischigom, and Pooram at Shertalai.
Shertalla:	Ashtami at Vaikam in Vrischigom. Pooram in Pankuni.
Kottayam, Minachil, Muvattupuzha, Kunnatnad and Parur taluks and the Sub Registry Office at Kaduthuruthi.	Ashtami at Vaikom in Vrischigom.
Vaikam:	Ashtami at Vaikam in Vrischigom. Ashtami at Vaikam in Masi.
Kottayam:	Thirunakkara Arat in Pankuni.
Chengannur Tiruvella and Sub-Registry Office, Ranni;	Aranmula Utrattathi festival in Avani.
Kanjirapally Sub-Registry Office:	Pettai Festival at Erumeli-Dhanu 26th and 27th
Ettumannur Sub-registry Office:	Arat at Ettumannur Temple in Kumbhom.
Kottayam Division excluding the High Range Taluks of Devicolam and Peermade:	Sivaratri Amavasi day.

TABLE I. Average rainfall at the Trivandrum observatory up to each day of the year based on the observations of 104 years (1838– 1941).

Day.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1	0·02	0·75	1·43	3·00	7·45	16·64	29·91	37·60	42·57	47·28	58·01	64·87
2	0·07	0·76	1·45	3·09	7·65	17·01	30·17	37·76	42·70	47·46	58·41	65·03
3	0·11	0·77	1·46	3·18	7·93	17·50	30·53	37·94	42·83	47·66	58·70	65·12
4	0·14	0·81	1·48	3·27	8·19	18·00	30·85	38·11	42 92	48·03	58·98	65·25
5	0·19	0·84	1·49	3·32	8·35	18·54	31·16	38·30	43·07	48·30	59·26	65·38
6	0·21	0·64	1·52	3·41	8·56	19·19	31·43	38·47	43·22	48 54	59·60	65·55
7	0·24	0·87	1·56	3·53	8·79	19·74	31 66	38·63	43·37	48·80	59·94	55·66
8	0·28	0·90	1·59	3·63	8·98	20·24	31·90	38·82	43·54	49·10	60·17	55·73
9	0·30	0·97	1·64	3·81	9·17	20·73	32·20	39·00	43·68	49·35	60·54	65·81
10	0·33	1·00	1·65	3·95	9·47	21·28	32·56	39·15	43·84	49·56	60·76	65·94
11	0·34	1·01	1·70	4·16	9·65	21·77	32·82	39·30	43·99	49·83	61·05	65·03
12	0·36	1·02	1·77	4·26	9·84	22·37	33·01	39·47	44·13	50·20	61·37	66·11
13	0·37	1·08	1·83	4·35	9·97	22·79	33·30	39·66	44·29	50·58	61·69	66·22
14	0·41	1·09	1·88	4·47	10·13	23·34	33·51	39·72	44·39	50·91	61·92	66·30
15	0·43	1·10	1·90	4·53	10·40	23·78	33·74	39·97	44·46	51·26	62·15	66·35
16	0·46	1·11	1·95	4·72	10·59	24·20	34·03	40·14	44·58	51·73	62·37	66·42
17	0·47	1·13	1·99	4·87	10·74	24·58	34·30	40·25	44·68	52·06	62·56	66·53
18	0·48	1·16	2·08	5·06	11·32	25·03	34·65	40·44	44·79	52·56	62·73	66·65
19	0·50	1·21	2·13	5·29	11·50	25·61	34·81	40·52	44·87	52·98	62·99	66·59
20	0·51	1 23	2·15	5·37	11·90	26·01	34·98	40·65	45·03	53·35	63·17	66·78
21	0·53	1·27	2·21	5·50	12·21	26·35	35·22	40·79	45·18	53·71	63·34	66·83
22	0·54	1·30	2·25	5·68	12·76	26·69	35·46	40·96	45·30	54·11	63·49	66·85
23	0·55	1·32	2·34	5·85	13·17	27·02	35·77	41.15	45·44	54·52	63·61	66·86
24	0·56	1·35	2·37	6·05	13·59	27.36	36·04	41.25	45·61	54·88	63·80	66·90
25	0·61	1·36	2·42	6·31	13·99	27·81	36·26	41.45	45·83	55·36	63·98	66·97
26	0·63	1·37	2·51	6·47	14·47	28·22	36·48	41·64	45·97	55·85	64.12	67·02
27	0·66	1·38	2·59	6.67	14·91	28·59	36·73	41.80	46·21	56·29	64.30	67·11
28	0.69	1.41	2·63	6·92	15·30	28·90	36·89	41·98	46·46	56·45	64 49	67·15
29	0·70	...	2·70	7·18	15·80	29·25	37·08	42.20	46·72	57·10	64·51	67·18
30	0·71	...	2·82	7.29	16·26	29·60	37.24	42·34	46·98	57.50	64·71	67·28
31	0·74	...	2·89	...	...	...	37·39	42·42	...	57·74	...	67·34

TABLE II—Monthly Average Rainfall of the Travancore State for the year 1941.

No.	Stations.	Number of Years.	Years.	January.	February.	March	April.	May	June.	July.	August.	September.	October.	November.	December.	Yearly Average.	Remarks.
	I. KOTTAYAM DIVISION																
1	Chinnar ..	33	1909—1941	1·57	0·19	0·52	1·22	1·91	1·66	1·94	1·42	1·88	5·42	5·66	2·98	26·37	
2	Marayur ...	26	1916 ,,	2·59	0·21	0·67	3·07	3·70	6·63	8.27	5·01	4·71	9·19	9·50	3·82	57·40	
3	Malayattur* ..	35	1905 ,,	0·71	0·73	2·31	6·17	11.50	30·22	30·29	22·34	11·46	14·06	7·90	2·02	139·71	
4	Parur ..	59	1883 ,,	0·29	0·33	0·93	3·34	10·00	29·00	24·38	15·08	9·27	11·67	5·65	1·21	111·15	
5	Perumpavur ...	57	1885 ,,	0·41	0·58	1·40	4·42	8·92	26·46	27·18	17·14	9·52	11·73	6·95	1·25	115·96	
6	Alwaye. ...	30	1912 ,,	0·47	0·35	0·90	3·64	11·12	30·88	29·02	18·00	11·30	12·29	7·79	1·72	127·48	
7	Munnar ...	29	1913 ,,	0·69	0·81	1·32	4·98	9·04	31·26	46·12	28·48	13·01	9·89	5·56	1·59	152·75	
8	Devikulam ..	37	1905 ,,	0·75	0·97	1·69	4·83	7·79	20·08	27·67	17·67	10·55	11·82	6·64	1·65	112·31	
9	Neriamangalam ...	10	1932 ,,	0·44	1·81	4·03	9·26	21·88	35·21	48·36	32·07	17·35	27·15	12·03	3·24	212·83	
10	Muvattupuzha ...	58	1884 ,,	0·49	0·58	1·79	6·02	10·38	28·44	28·96	19·77	11·20	14·54	8·40	1·92	132·49	
11	Santhanpara ...	33	1909 ,,	1·80	1·48	1·95	4·75	5·23	9·73	10·99	7·28	5·37	13·10	9·55	3·39	74·62	
12	Karikod (Todupuzha) ...	57	1885 ,,	0·72	1·26	2·83	8·26	12·08	30·24	30·32	21·89	12·64	16·86	8·71	1·92	147·73	
13	Vandanmettu ...	13	1929 ,,	1·24	0·49	2·23	4·07	6·70	13·71	17·75	13·76	8·00	8·53	7·47	2·64	86·59	
14	Vaikam ...	57	1885 ,,	0·74	0·80	1·69	3·43	10·47	27·42	22·63	14·03	9·26	11·62	6·49	1·60	110·18	
15	Pala (Minachil) ...	58	1884 ,,	1·03	1·49	4·66	10·44	13·52	29·00	27·97	19·15	12·08	17·67	11·37	3·46	151·95	
16	Ettumanoor ...	57	1885 ,,	0·86	0·52	1·99	6·18	10·38	26·66	24·79	15·80	8·98	11·18	6 87	2·04	118·25	
17	Kumili ...	33	1909 ,,	2·08	0·78	1·43	3·41	4·48	11·17	13·94	7·45	4·71	8·06	8·16	3·95	69·62	
18	Kottayam (Taluk Office) ..	56	1685 ,,	0·84	0·85	2·40	5·50	10·97	26·96	23·86	15·12	10·78	14·41	7 62	2·44	121·75	
19	Do. (P. W. D. Office)...	50	1892	0·97	0·93	2·28	5·63	11·41	28·14	24·61	15·91	11·56	14·15	7·34	2·77	125·70	
20	Peermade (Taluk Office) ...	33	1909 ,,	0·67	1·65	2·17	5·07	11·78	38·64	42·64	26·56	16·76	17·70	9·72	2·23	175·59	abolished
21	Do. (Residency) ...	68	1874 ,,	0·64	1·32	2·43	5·64	12·41	45·60	50·60	34·51	19·61	20·02	8·86	2·01	203·65	
22	Kanjirapally ...	37	1905 ,,	1·41	2·25	6·38	11·25	16·36	28·53	28·63	20·29	13·56	20·04	12·71	3·18	164·29	
23*	Changanassery ...	56	1885 ,,	0·83	0·86	2·57	6·31	11·78	26·43	20·95	13·52	9·50	15·17	8·40	2·65	119·97	

TABLE II.—Monthly and yearly Average Rainfall in inches at the various Stations in the Travancore State.—(*contd.*)

No	Stations.	Number of years.	Years.	January.	February.	March.	April.	May.	June	July.	August.	September	October.	November.	December.	Yearly Average.	Remarks.
	II. QUILON DIVISION.																
1	Arukutty ...	37	1905—1941	1·15	0·64	1·49	5·37	12·90	29.83	25·92	16·44	10·89	13 51	7·39	2·11	127 64	
2	Sherthala ...	57	1885 ...	0·81	0·82	1·72	4·19	10·34	25·06	21·41	12·02	8·18	11·47	6·33	1·80	104·15	
3	Alleppey (Taluk Office) ...	66	1874 ...	1·14	1·65	2·29	5·00	11·85	26·26	20·24	12·63	9·10	13·95	9 29	2·98	116·38	abolished.
4	Do. (P. W. D. Office) ...	29	1913 ...	1·77	2·18	2 31	4 87	12·95	25·52	20·09	14·16	10·40	12·35	10 35	2·39	119 54	
5	Ambalapuzha .	57	1885 ..	0·93	1·18	2·30	5 17	10·86	23·88	17 69	10·47	9·04	13·67	7 89	2·54	105·61	
6	Tiruvalla ...	58	1884 ...	0·95	0·85	2 06	5·19	11·55	24 59	20·67	13·02	9·16	12 95	7·71	2·23	110·93	
7	Chenganur ...	57	1885 ...	1 15	0·96	2·65	6·15	10·74	24·05	19.87	13·45	10·19	13 38	8 80	2·53	113·93	
8	Haripad ...	57	1885 ...	0·83	0·86	1 79	4·28	9·95	23 52	18·28	11·01	8 41	13·37	7 73	2·43	102·56	
9	Pattanamthitta ...	37	1905 ...	1·54	1·93	4 42	8·89	12·70	22·60	21·07	15·23	11·10	16·18	11 44	3·04	130·14	
10	Mavelikara ...	58	1884 ...	0·91	0·75	1·64	5·49	11 35	27·31	21·62	13·31	9·94	15 24	8·70	2·56	119·12	
11	Konni ...	37	1905 ...	1·36	2·24	5·20	10·76	13·76	23 88	24·54	17 09	11·46	11·64	11 36	2·27	140 00	
12	Kayankulam ...	37	1905 ...	1·11	0·82	1·93	6·61	11 39	24·17	19·62	11·88	10·17	12·87	8 56	2·04	109·17	
13	Adur ...	57	1885 ...	0·70	1·37	3·24	75·8	10·30	22·37	17·99	12·31	9·06	14 29	8 75	2·24	110·20	
14	Karunagapalli ...	57	1885 ...	0 67	0·91	1 71	4·49	10·27	21·40	14·93	8·90	7·64	11·96	7 42	1·82	92·12	
15	Punalur ...	57	1885 ...	0 77	1·74	3·42	8·64	10 92	22·15	19.27	12·35	9·50	16·75	9 30	2·31	117·12	
16	Kottarakara	57	1885 ...	0·61	1·25	3·02	6·80	9 80	22·01	16 29	11·18	8·7[illegible]	14·66	8·73	1·91	104·98	
17	Ayikkudi ...	29	1913 ...	2·07	1·45	2·14	2·68	1·76	2·09	2·52	0 93	1·23	7·04	10·26	5·23	39·40	
18	Arienkavu ...	37	1905 ...	1·88	1·16	2·87	3·60	6·27	19 40	17·58	12·05	8·57	14·38	10·92	3 93	102·61	
19	Shencotta (P. W. D. Office)...	29	1913 ...	2·63	1·38	2·51	2 96	3·48	7·75	7·24	3·33	3·06	8·46	10·53	4·51	57·84	
20	Do. (Taluk Office) ...	58	1883 ...						abolis	hed.							
21	Quilon. (P. W. D. Office) ...	68	1874 ...	0·58	0·81	1 82	5·09	10·50	21·24	14·34	9 36	7·58	13·04	7·78	1·82	93·96	
22	Do. (Taluk Office) ...	36	1905 ...	0·69	0·83	1·73	4·89	9.84	19 51	15·63	10 64	7·90	10·81	7·88	2·02	92·37	abolished.
23	Paravoor (*)	36	1905 ...	0·56	0·80	1·95	4·58	9 81	18 15	13·36	8·32	6 74	11·83	7·59	1·63	85·32	

	II. TRIVANDRUM DIVISION.																	
1	Attingal ...	57	1885—1941	0·68	0·71	1·19	4·16	8·01	17·16	11·04	6·34	4·99	11·49	6·47	1 72	73·96		
2	Nedumangad ...	57	1885 ...	0·92	1·07	2·29	7·45	9·29	17 20	10·85	6·60	7·04	13·91	9·78	2·81	89·21		
3	Trivandrum ...	104	1838 ...	0·74	0·67	1·48	4·40	8·97	13·34	7·79	5·03	4·56	10·76	6·97	2·63	67·34		
4	Neyyattinkara ...	57	1885 ...	0·99	0·66	1·40	4·47	7·38	11·80	7·02	3·82	4·17	10·28	8·67	2·70	63·29		
5	Parassala ...	36	1905 ...	0·73	0·64	1·60	3·75	7·32	10·62	5·99	3·71	4·16	9·78	8·19	2·21	58·70		
6	Pechipara ...	29	1913 ..	1·65	1·32	3·04	7·44	9·67	12·96	9·39	5·98	8·19	13·44	12·11	3·78	88·97		
7	P. P. Channel (16th mile) ...	29	1913 ...	1·09	0·97	1·40	4·23	5·54	7·82	4·87	2·64	3·27	9·97	10·26	2·92	54·97		
8	Kaliyal ...	29	1913 ...	1·29	0·96	2·73	6·77	8·21	10·81	8·25	4·83	6·24	13·79	11·90	3·21	79·09		
9	Kulasekharam ...	29	1913 ...	1·41	1·55	3·07	6·96	8·78	11·21	7·20	5·32	6·93	14·13	11·00	3·88	81·44		
10	Puttan Dam ...	29	1913 ..	1 59	1·23	3·20	6·46	7·87	11·41	7·89	5·14	6·83	14·15	10·74	3·65	80·16		
11	Chorlakod ...	29	1913 ...	1·34	0·92	2·75	5·36	7·70	11·26	7·48	4·71	6·07	12·48	10·17	2·74	72·98		
12	Tiruvattar ...	37	1905 ...	1·10	0·98	2·25	4 93	6·45	10·32	6·26	3·81	4·80		Aboli	shed			
13	Thadikkarankonam ...	29	1913 ...	1·16	0·68	2·62	5·90	6·85	11·16	7·63	4·49	5·49	12·17	10·03	2·65	70·83		
14	Seethappal ...	29	1913 ...	0·93	0·56	1·61	3·35	4·45	7·05	4·82	2·52	2·78	7·99	7·96	2·78	46·80		
15	Kuzhithura ...	57	1885 ...	0·54	0·76	1·22	3·54	5·37	9·30	4·96	2·67	3·43	9·22	7·60	2·09	50·70		
16	Meked ...	29	1913 ...	1·43	0·97	2·30	4·85	7·13	9·61	6·78	4·37	5·63	11·90	9·79	2·43	67·29		
17	Mulakumood ...	29	1913 ...	1 13	0·88	1·86	4·58	7·60	10·16	6·55	3·49	4·40	10·77	9·82	2·66	63·80		
18	Bhoothapandy ..	52	1889 ...	1·01	0·70	1·82	3·93	3·63	8·32	4·96	2·53	2·48	9·08	7·70	2·50	48·66	Abolish-	
19	Aramboly ...	59	1883 ...	1·01	0·60	1·30	2·88	2·08	4·61	2·45	1·19	1·36	7·79	7·36	2·83	35·46	ed.	
20	Thakkala ...	68	1874 ...	0·83	0·97	1·87	5·17	5·82	9·14	4·70	2·70	3·33	10·87	9·08	2·71	57·19		
21	Eraniel ...	57	1885 ...	0·55	0·60	1·34	3·65	4·47	7·98	4·01	2·04	2·69	8·45	6·93	2·16	44·87		
22	Colachel (Salt Factory) ...	36	1906 ...	0·79	0·64	0·99	3·09	5·52	8·38	5·15	2·88	3·32	8·19	7·46	2·28	48·69		
23	Do. (Police Station) ...	36	1905 ...						Aboli	shed.								
24	Nagercoil (P W. D.) ...	50	1892 ...	1·02	0·54	1·07	3·18	3·21	6·54	3·59	1·84	2·13	8·05	7·07	2·26	40·50		
25	Do. (Taluk office) ...	56	1885 ...						Aboli	shed.								
26	Rajakamangalam ...	62	1880 ...	0·89	0·41	1·09	2·95	3·95	7·52	3·70	2·02	1·92	7·89	6·85	2·31	41·50		
27	Tamarakulam (Old Salt Factory)	57	1885 ...	0·70	0·41	1·20	2·53	2·29	5·09	2·39	1·27	1·34	7·22	7·06	2·84	34·34		
28	Do. (New Do.)	33	1908 ...						Aboli	shed.								
29	Kottaram ...	29	1913 ...	0·94	0·51	1·04	2·12	2·82	3·80	2·76	1·19	1·52	6·12	8·20	2·84	33·86		

TABLE III.—Monthly and yearly average number of rainy days in the various Stations in the Travancore State.

(Days on which the rainfall is less than one-tenth of an inch are not counted as rainy days.)

No.	Stations.	Number of Years	Years.	January.	February.	March.	April.	May.	June	July.	August.	September.	October.	November.	December.	Yearly Average.	Remarks.
	KOTTAYAM DIVISION																
1	Chinnar ...	33	1909—1941	1·8	0·5	0·7	3·2	4·0	8·9	4·4	3·6	3·8	8·3	8.1	4·6	46·9	
2	Marayur ...	26	1916 ...	3·4	0·9	1·2	5·6	7·2	9.5	12·3	9·2	8·4	12·2	12·7	5·6	88·2	
3	Malayattur ...	36	1905 ...	0·9	1·1	3·4	8·2	13·7	25·0	27·0	22·2	16·3	16·4	10·3	2·5	147·0	
4	Parur ...	59	1883 ...	0·3	0·5	1·4	4·2	9·6	22·9	23·0	16·8	11·6	12·3	6·9	1·3	110·8	
5	Perumpavur ...	57	1885 ...	0·6	0·7	2·4	6·5	10·2	24·6	25·	21·2	13·7	14·6	8·3	2·1	130·0	
6	Alwaye ...	39	1912 ...	0·6	0·7	1·6	5·7	10·7	25·	25·0	21·1	14.2	14·1	9·1	2·4	130·3	*Excepting 1924 & 1936 figures for which are not available.
7	Munnar ...	29	1913 ...	1·6	1·9	3·2	9·9	12·8	24·4	27·1	24·7	17·2	15·3	10·1	3·4	151·6	
8	Devikulam ..	37	1905 ..	1·8	2·0	3·7	9·8	12·1	23·2	25·3	21·5	17·3	17·9	11·6	3·9	150·1	
9	Neriamangalam ...	10	1932 ...	1·0	1·7	6·1	11·7	16·2	25·3	27·9	24·5	17·0	19·5	11·5	2·7	165·1	
10	Moovattupuzha ...	58	1884 ...	0·8	1·0	3·1	9·0	12·0	24·4	26·2	22·1	15·5	17·3	10·3	2·9	144·6	
11	Santhanpara ...	33	1909 ...	2·6	2·8	3·5	7·7	8·0	16·4	17·0	12·0	9·5	16·2	12·7	5·4	113·8	
12	Karikod (Thodupuzha) ..	57	1885 ...	1·0	1·8	5·0	11·8	14·6	25·4	26·8	23·7	16·4	18·9	10·8	2·7	158·9	
13	Vandanmettu ...	13	1929 ...	2·3	1·4	3·0	7·6	7·1	22·3	25·	20·4	14·5	15·1	12·3	5·0	136·0	
14	Vaikam ..	57	1885 ...	1·0	1·1	2·5	5·6	11·6	23·7	2·9	7·8	13·5	13·1	8·6	2·5	123·9	
15	Pala (Meenachil) ...	53	1884 ...	1·4	2·0	6·4	13·1	14·8	24·7	25·3	21·9	15·6	18·6	11·9	4·4	159·5	
16	Ettumanur ...	57	1885 ...	1·0	0·6	3·4	8·6	11·6	24·2	24·0	19·7	12·7	14·2	9·2	2·9	132·7	
17	Kumili ...	33	1909 ...	2·8	1·3	2·3	6·3	6·2	16·9	19·6	13·6	9·3	12·9	11·2	4·7	107·0	
18	Kottayam(P. W. D.Office) ...	50	1892 ...	1·2	1·4	3·4	8·0	12·5	23·7	24·0	20·3	13·7	14·9	9·2	3·2	135·5	
19	Peermade (Taluk Office) ...	33	1909 ...	1·4	1·7	4·0	8·0	12·1	25·7	26·4	23·4	18·0	19·1	11·5	3·1	152·4	
20	Do. (Residency) ...	68	1874 ...	1·1	2·0	4·5	9·8	13·8	25·2	27·4	25·4	19·4	19·3	10·8	3·0	161·7	
21	Kanjirapally ..	37	1905 ...	2·1	2·5	8·0	14·0	15·4	24·7	24·6	22·7	15·6	12·5	13·4	4·1	165·6	
22	Changanacherry ...	56	1885 ...	1·2	1·5	3·8	9·0	12·7	23·2	22·3	17·8	12·8	15·2	10·8	3·7	134·0	

	II. QUILON DIVISION.																
1	Arukutty ...	37	1905 -1941	1·4	1·3	2·8	6·7	11·7	24·5	23·8	19·2	13·9	14·4	9·1	2·9	131·6	
2	Sherthala ...	57	1885 ...	1·0	1·1	2·6	6·4	12·0	23·7	22·4	17·8	12·2	14·4	10·0	2·9	126·5	
3	Alleppey (P. W. D. Office) ...	29	1874 ...	1·9	2·8	3·8	6·4	11·6	23·0	21·9	18·0	13·7	14·9	12·2	3·3	133·5	
4	Ambalapuzha ...	57	1885 ...	1·2	1·7	3·6	7·1	11·8	22·8	21·0	16·6	12·6	15·2	10·3	3·8	127·7	
5	Tiruvalla ...	58	1884 ...	1·5	1·3	3·7	9·0	13·0	24·0	23·4	18·9	13·9	15·9	11·3	3·4	139·3	
6	Chengannoor ...	57	1885 ...	1·6	1·7	4·4	8·6	12·4	22·7	22·7	19·3	13·7	15·8	11·4	3·5	137·5	
7	Haripad (Kartikapally) ...	57	1885 ...	1·3	1·3	2·7	5·7	11·9	22·6	21·5	16·0	12·0	15·4	10·1	3·5	124·0	
8	Pathanamthitta ...	37	1885 ...	2·2	2·5	6·1	11·2	12·9	22·7	23·3	18·4	13·8	15·8	11·9	3·6	144·4	
9	Mavelikara ...	58	1884 ...	1·2	1·4	3·2	6·9	10·0	23·6	23·3	18·2	14·3	15·5	11·4	3·3	131·3	
10	Konni ...	37	1905 ...	2·1	3·0	8·1	13·5	15·2	24·4	24·3	21·0	14·7	18·2	12·6	3·9	161·0	
11	Kayankulam ...	37	1905 ...	1·4	1·6	2·8	6·4	12.2	22·9	21·1	16·2	13·1	14·3	10·4	3·3	125·7	
12	Adur (Kunnathur) ...	57	1885 ..	1·5	2·1	4·5	10·3	12.1	22·7	32·1	17·9	13·1	16·6	11·3	3·3	137·5	
13	Karunagapalli ...	57	1885 ...	0·8	1·2	2·9	6·5	11·2	21·4	18·8	13·3	10·4	13·2	8·5	2·7	110·9	
14	Punalur ..	57	1885 ...	1·2	2·2	4·7	10·5	11·9	22·1	21·7	17·0	12·1	17·1	10·0	2·9	133·4	
15	Kottarakara ...	57	1885 ...	1·1	1·9	4·4	9·9	11·6	22·5	21·3	17·4	12·9	15·8	10·0	2·8	131·6	
16	Ayikkudi ...	29	1913 ...	3·5	2·4	3·5	5·7	3.6	7·0	7·2	3·4	3·9	11·4	12·9	6·5	71·0	
17	Aryankavu	37	1905 ...	2·7	2·0	3·9	6·6	8·1	20·8	20·6	17.8	13·1	16.9	13·1	4·9	130·5	
18	Shencotta (P. W. D. Office) ...	29	1913 ...	3·4	1·9	3·5	5·1	4·5	12·7	12·0	7·7	6·5	11·9	12·2	6·5	87·9	
19	Quilon (P. W. D. Office) ...	68	1874 ..	1·0	1·3	3·0	6·9	11·9	21·3	19·8	14·8	11·7	14·3	9·5	2·8	118·3	
20	Paravoor * ...	36	1905 ...	1·1	1·2	2·8	6·5	10·4	19·0	17·4	11·9	9·6	12·7	8·7	2·0	103·3	*Exceptin 1908 figures for which are not available.
	III. TRIVANDRUM DIVISION.																
1	Attingal ..	57	1883—1941	1·1	1·1	2·0	6·7	9·8	19·3	17·4	11·3	8·3	12·7	8·7	2·9	101·3	
2	Nedumangad ...	56	1885 ..	1·6	1·9	3·8	10·0	10·2	19·1	16·0	11·1	9·5	14·6	11·4	4·2	113·4	
3	Trivandrum ...	104	1838 ...	1·4	1·1	2·6	6·6	10·3	17·4	14·2	10.3	8·3	12·1	9·7	3·9	97·9	
4	Neyyattinkara ...	57	1885 ...	1·5	0·9	2·5	6·8	8·8	16·5	12·8	8·0	7·2	13·1	10·9	4·5	93·5	

TABLE III.

Monthly and yearly average number of rainy days in the various stations in the Travancore State.—(*concld.*)

(*Days on which the rainfall is less than one-tenth of an inch, are not counted as rainy days.*)

	Stations.	Number of Years	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Yearly Average.	Remarks.
	III. TRIVANDRUM DIVISION—(*Contd.*)																
5	Parasala* ...	36	1905 ..	1·7	1·3	2·7	6·0	8·4	14·0	11·7	7.8	7.5	12·4	10·2	3·4	87·1	*Excepting 1912, figures for which are not available.
6	Pechipara ..	29	1913 ...	2·0	1·9	5·4	11·4	11.5	17·8	16·4	12·2	10·2	16·4	13.9	5·4	124·5	
7	P. P. Channel (16th mile) ..	29	1913 ...	2·2	1·3	2·9	5·7	7·2	13·0	11·2	6·4	6·6	13·5	12·9	4·3	87·3	
8	Kaliyal ...	29	1913 ...	2·2	1·7	4·4	9·5	9·2	15·1	12·8	9·3	9·5	15·5	13·3	4·7	107·2	
9	Kulasekharam ...	29	1913 ...	3·0	2·2	5·2	10·0	9·8	15·6	13·2	10.1	9·9	15·8	13·3	5·2	113·3	
10	Puthan Dam ..	29	1913 ...	2·7	2·4	5·5	9·6	9.9	15·9	14·5	10·7	10·0	16·4	13·8	5·0	116·4	
11	Chorlakod ...	29	1913 ...	2·6	2.0	5·4	8·5	9·3	15·2	13·2	9·3	9·3	15·8	13·1	4·0	107·7	
12	Tadikarankonam ..	29	1913 ...	1·1	1·7	5·1	8·6	8·8	14·8	12·8	8·6	8·3	15·5	12·8	4·2	103·3	
13	Seethappal ...	29	1913 ...	2·2	1·3	3·7	5·8	5·9	12·6	10·1	5·6	3·9	8·3	12·2	8·7	80·3	
14	Kuzhifura ...	57	1885 ...	1·1	1·0	2·1	5·0	6·3	13·1	9·8	5·5	5·8	11·8	8·9	3·2	73·3	
15	Mekod ...	29	1913 ...	3·0	1·6	4·3	7·9	9·0	15·3	13·3	9·1	9·2	15·3	13·1	4·6	105·7	
16	Mulakumud ...	29	1913 ...	1·6	1·4	3·9	7·1	7·9	14·0	11·0	7·0	6·8	13·2	11·9	3·4	88·3	
17	Aruvamozhi ..	59	1883 ...	1·5	1·0	2·3	4·2	3·2	8·9	6·0	3·3	2·9	10·8	9·1	3·5	56·7	
18	Takkala ..	68	1874 ...	1·3	1.2	3·2	6·7	7·2	13·7	9·9	5·6	5·5	12·5	10·8	3·4	81·0	
19	Eraniel ...	57	1885 ...	1·0	1·1	2·7	5·7	5·9	12·5	8·1	4·2	5·0	11·4	9·6	3·0	70·2	
20	Colachel (Salt factory) ..	36	1906 ...	1·6	0·9	2·0	4·4	6·7	13·3	9·9	6·0	5·7	11·0	9·6	3·3	74·4	
21	Nagercoil ..	50	1892 ...	1·6	0·9	2·2	4·5	4·3	11·0	8·0	4·1	4·2	10·8	9·9	3·0	64·5	
22	Rajakkamangalam ..	62	1880 ...	1·4	0·8	2·0	4·1	5·6	12·5	8·2	4·3	4·0	10·5	9·3	3·3	66·0	
23	Tamarakulam (Old Salt	57	1885 ...	1·1	0·5	1·9	3·5	3·7	10·1	6·2	3·0	3·0	9·3	8·9	3·5	54·7	
24	Kottaram ...	29	1913 ...	2·3	0·8	1·7	3·4	4·4	8·1	6·4	3·2	3·6	9·0	10·1	4·0	57·0	

TABLE IV.—Monthly means of principal meteorological elements for Trivandrum.

Month.	Atmospheric Pressure 8 A. M. (local) (reduced to 32 F)	Temperature in shade.			Mean Vapour pressure. (24 hours.)	Mean humidity (24 hours.)	Mean percentage of cloudy sky.	No. of hours of bright sunshine.	Mean wind velocity in miles per hour (24 hours)
		24 hours means.	Maximum.	Minimum					
		°F	°F	°F	Inches of mercury.	Percentage.			
January ...	29·775	76·5	83·8	73·0	0 666	73·8	35	8·6	5·0
February ...	·773	78·0	85·4	74·3	0·685	72·5	26	9·6	5·5
March ...	·743	80·3	87·4	76·8	0·774	75·8	35	8·9	6·1
April ..	·700	80·7	87·7	78·4	0·828	79·7	50	8·0	7·1
May ...	·678	80·0	86·2	78·2	0·843	83·1	64	7·3	7·5
June ...	·676	77·5	82·4	75·6	0 810	86·2	78	4·7	8·1
July ..	·690	76·7	81·7	74·8	0·795	87·0	69	5·1	9·6
August ..	.704	76·7	82·0	75·0	0·785	85·9	71	5·9	10·1
September ...	·719	77·0	83·0	75·1	0·781	84·7	60	6·8	8·7
October ...	.733	76·9	82·8	75·1	0·786	85·5	69	6·0	6·0
November ...	·750	77·0	82·5	74·5	0·781	84·7	60	6·1	4·0
December ...	·766	76·4	83·2	73·7	0·708	78·5	33	7·8	3·9

TABLE V.—Monthly means of morning Upper Winds Data for Trivandrum.

Month.	Surface.		Height in Kilometers above Sea level.																	
			0·5		1·0		1·5		2 0		3 0		4·0		5·0		6·0	
	Dn.	Vel.	Dn	Vel.	Dn.	Vel.	Dn.	Vel.	Dn.	Vel.	Dn.	Vel.	Dn.	Vel.	Dn.	Vel.	Dn.	Vel.
January	N N E	1·3	N E	2·7	E N E	3·4	E N E	2·9	E	4·7	E	6·1	E	6·8	E	7·6	E	8·5
February	N E	1·6	N	2·8	N E	2·9	E N E	3·8	E	4·6	E	5·4	E	6·8	E S E	7·9	E S E	7·3
March	N N E	1·9	N	3·2	N N E	3·2	N E	3·8	E N E	4 8	E	5·8	E	6·6	E	7·2	E	6·7
April	N N W	2·5	N N W	4·8	N N W	4·9	N N W	4·5	N E	5·1	E N E	7·0	E N E	7·3	E N E	7·7	E N E	8·4
May	N W	2·9	N W	6·4	W N W	7·3	W N W	7·3	N N W	7·1	N	8·9	N N W	8·7	N E	9·7	N E	9·9
June	N N W	3·2	W N W	7·6	W N W	9·8	W N W	10·5	W N W	10·4	N W	9·6	N	7·8	Var	6·5	N N E	7·1
July	N W	3·8	N W	9·1	N W	12·0	N W	13·7	W N W	12·6	W N W	11·7	W N W	11·8	Var	6·3	Var	8·8
August	N N W	3·4	N W	8·0	N W	10.0	N W	10·8	N W	10·2	N W	10·0	Var	7·9	Var	9·7	E	8·7
September	N N W	3·5	N W	7·0	N W	8·6	N W	9·2	N W	8·9	N N W	8·8	N N W	7·7	Var	7·6	N N E	5·7
October	N W	2·5	N W	5·2	N W	6·0	N W	6·5	N W	7·1	N N W	7·1	Var	6·9	Var	6·4	Var	6·1
November	Var	1·3	W N W	3·0	N	3·7	N N E	4·2	Var	4·6	N N E	5·0	N	6·6	N E	6·6	E	6·2
December	N E	1·0	N N W	2·8	N N E	3·3	E	4·0	E N E	4·6	E	5·3	E	6·7	E	7·4	E	7·9

Direction of Wind is given to the 16 points of the compass.
Velocity of wind is given in metres per second (1 meter per second=2·24 miles per hour.)
Var —variable direction.

SECTION II.

Officers of the Palace and the Residency.

PALACE OFFICERS.

Palace Medical Officer.

R. RAGHAVA PODUVAL

Officers of the Palace.

T. RAMAN NAMBISAN, M. A., L. T., Sarvadhikariakar.

RAJAKARYAPRAVINA N. KRISHNAMURTI, F. R. Hist. S., Private Secretary to His Highness the Maharaja.

S. SANKU AIYAR, B. A., B. L., Assistant Sarvadhikariakar.

CAPT. V. PADMANABHAN TAMPI, Honorary Aide-de-Camp to His Highness the Maharaja.

T/LIEUT. COL. V. N. PARAMESWARAN PILLAI, Honorary Military Aide-de-Camp to His Highness the Maharaja.

LIEUT. V. K. PRABHAKARAN TAMPI, B. A., Aide-de-Camp to His Highness the Maharaja.

LIEUT. V. HARIHARASUBRAMONI, B. A. Do.

LIEUT. D. SIVARAMAN, B. A. Do.

LIEUT. V. K. PARAMESWARA MENON, B. Sc. Do.

P. N. ACHUTHAN NAIR, B. A., Chellam Kariakar.

A. KOLAPPA PILLAI, Nithiachilavu Kariakar.

P. KERALA VARMA RAJA, B. A., B. L., Mathilagom Kariakar.

R. SANKARA AIYAR, B. A., B. L., Utsavamatom Kariakar.

S. B. KRISHNASWAMY RAO, B. A., B. L., Kariakar, His Highness the Maharaja's Garage and Stables. (On other duty.)

K. RAMAN PILLAI, B. A., Kariakar, His Highness the Maharaja's Garage and Stables (Ag.)

N. JANARDANA AIYAR, B. A., Kariakar to His Highness the Elaya Raja.

HONORARY LIEUT. N. NARAYANA PILLAI, Velkar Muthalper, Kariakar.

A. ARUNACHALAM PILLAI, Panivagai Engineer.

MADRAS STATES RESIDENCY.

Resident	LT. COL. G. P. MURPHY
Officer on Special Duty	B. M. BACON, I. C. S.
Indian Assistant to the Resident	N. N. IENGAR.

Office.

Manager and Treasury Officer	V. GOVINDA MENON, B. A.
Head Accountant	W. PETER.

Residency Hospital

Medical Officer	RAO BAHADUR DR. K. RAMAN TAMPI, M. D.
Sub-Assistant Surgeon	C. NARAYANA MENON.

SECTION III

Government of Travancore

GOVERNMENT OF TRAVANCORE

HUZUR CUTCHERRY.

SACHIVOTTAMA SIR C. P. RAMASWAMI AIYAR, K. C. S. I., K. C. I. E., LL. D., Dewan.

A. General and Revenue Secretariat.

RAJYASEVAPRAVINA G. PARAMESWARAN PILLAI, B. A., B. L., Chief Secretary to Government.

K. KUNJAN PILLAI, B. A., B. L., Secretary to Government.

C. P. GOPALA PANICKER, B. A., B. L., Do. Also Controller of Patents and Designs.

C. KUMARA DAS, B. A., M. SC., F. I. C., Do. (Ag.)

K. R. NARAYANA AIYAR, B. A., M. SC., F. C. S. Do. (Addl.)

K. P. SUBRAMONIA AIYAR, B. A., Assistant Secretary to Government. I grade.

L. SANKARANARAYANA PILLAI, B. A., Assistant Secretary to Government.

K. N. RAMAN PILLAI, B. A., B. L., Do.

B. PARAMU B. A., B. L., Do.

L. G. PERIERA, B. A., (Hons.) B. L., Do.

S. CHIDAMBARAM, Private Secretary to the Dewan.

N. P. HARIHARAN, Director of Information.

M. G. KESAVA PILLAI, B. A., B. L., Head Translator to Government. (Ag.)

Food Grains Controller.

K. R. NARAYANA AIYAR, B. A., M. SC., F. C. S.

B. Financial Secretariat.

A. LAKSHMINARAYANA AYYAR, B. A., Financial Secretary to Government. (Ag.)

K. NATARAJA AIYAR, B. A., B. L., Assistant Secretary. (Ag.)

P. N. PADMANABHA PILLAI, B. A., B. L. (Examiner of Local Fund Accounts).

C. Accountant General's Office.

A. LAKSHMINARAYANA AYYAR, B. A., Accountant General (Ag.)

R. RAMA VARIER, B. A., Deputy Accountant General.

S. NARAYANA AIYAR, B. A., Do.

S. RAMASWAMI AIYAR, B. A., Assistant Accountant General.

S. KESAVA AIYAR, B. A., B. L., Do.

C. I. ABRAHAM, B. SC., A. S. A. A. Do.

P. V. MATHAI, B. A., Do. (On-leave)

S. JANARDHANA AIYAR, B. A. Do.

R. KRISHNASWAMI AIYAR, B. A. Do. (Ag.)

T. G. SANKARA AIYAR, B. A., B. L., Do. (Ag.)

V. S. SUBRAMONIAM, B. A., B. L., Assistant Accounts Officer. (Ag.)

PUBLIC SERVICE DEPARTMENT.

S. N. URE, Public Service Commissioner.

C. O. DAMODARAN, B. SC., Secretary to the Public Service Commissioner.

CONTROLLER OF STATIONERY AND PRINTING, SECRETARY, STORES PURCHASE COMMITTEE AND A. R. P. CONTROLLER.

H. PARAMESWARAN, M. A., Ph. D., D. SC., F. Inst. P.

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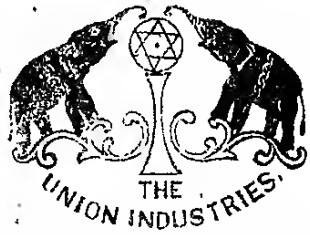

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Padmanabhapuram.

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Kassim Sulaiman Sait, Merchant, Alleppey	Judge and Hon. 2nd Class Magistrate.	
Eapen Arackal, B. A., B. L., Advocate, Alleppey	Do.	Do.
V. K. Padmanabhan, B.A., B L., Advocate.	Do.	Do.
Lekshmi Das Jadowgi Sait, Merchant and Commission Agent, Alleppoy.	Do.	Do.
S. R. Paniokar, Dentist.	Do.	Do.
Kasim Mohomed, Merchant, Alleppey	Do.	Do.
J. Murukandy Pillai, Kanaparambu, Alleppey.	Do.	Do.
II. CHANGANACHERRY.		
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N. Parameswaran Pillai, B. A., B. L., Advocate, Changanacherry.	Judge & Hon. 2nd Class Magistrate.	
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P. Hameedu Rowther, Vakil, Changanacherry.	Do.	Do.
K. N. Chacko, Munsiff's Court Vakil, Changanacherry.	Do.	Do.
P. Raghavan Pillai, Vakil, Changanacherry.	Do.	Do.
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M. Abdul Rahiman,	Judge & Hon. 2nd Class Magistrate.	
K. ilakanta Pillai, Homeopath,	Do.	Do.
K. Abul Rahiman, Merchant.	Do.	Do.
Thomas Varghese, Vadakke Thalakkal,	Do.	Do.
P. Lakshmanan, Medical Practitioner,	Do.	Do.
P. V. Neelakantan Asari, Do.	Do.	Do.
R. Bala Krishna Rao, B. A.,	Do.	Do.

VILLAGE PANCHAYAT AND BENCH MAGISTRATES' COURTS—*(contd.)*

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IV. KOTTAYAM.		
K. K. Thomas, B. A., B. L., Retired District and Sessions Judge, Kunukuzhiyil house, Kottayam.	President and Honorary 1st Class Magistrate. (Chairman).	
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L. R. Subramonia Iyer, Second Grade Pleader, Thirthakkattu Madhom, Thirunakkara, Kottayam.	Do.	Do.
P. K. Kochu Kunju, Mangayil house, Moolavattom Nattakam, Kottayam.	Do.	Do.
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K. Madhava Warriar, Vakil, Mavelikara,	Do.	Do.
G. Narayanan Oonnithan, Medical Practitioner,	Do.	Do.
A. George, B. A., B. L., Advocate,	Do.	Do.
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K. S. Subramonian, Merchant, Nagercoil.	Do.	Do.
R. Gopala Aiyar, Retired Excise Inspector, Vadiveeswaram.	Do.	Do.
V. Sankarasubramonis Aiyar, B. A., B. L., Advocate, Nagercoil.	Judge and Honorary 1st Class Magistrate.	
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VILLAGE PANCHAYAT AND BENCH MAGISTRATES' COURTS.—(*contd.*)

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S. Somanatha Iyer, Vakil, Munsiff's Court, Neyyattinkara.	Do.	Do.
X. G. Lopez, Vakil, Munsiff's Court, Neyyattinkara.	Do.	Do.
Oosanar Pillai Asanar Pillai, General Merchant.	Do.	Do.
A. Ranga Rao, Vakil, Munsiff's Court, Neyyattinkara.	Do.	Do.
VIII. PADMANABHAPURAM.		
P. S. Maruthanayagom Pillai, Fort, Padmanabhapuram	President and Honorary 2nd Class Magistrate (Chairman).	
S. Sundaram Iyer, Vakil, Thuckalai.	Senior Judge & Honorary 2nd Class Magistrate.	
M. Ahamed Kannu, Merchant and Contractor, Puliyoorkurichi	Judge and Honorary 2nd Class Magistrate.	
P. Kumara Pillai, Kalpadi veedu, Fort, Padmanabhapuram	Do.	Do.
V. Vaidyanadha Iyer, Vadakuvathil Gramom Padmanabhapuram	Do.	Do.
D. Muthia, Vakil, Thuckalai	Do.	Do.
A. Kuttalam Pillai, Merchant, Thuckalai	Do.	Do.
IX. QUILON.		
Palakaseril P. Raghavan, Advocate, Quilon.	President and Honorary 1st Class Magistrate (Chairman).	
V. A. Abdul Aziz, Advocate, Quilon.	Senior Judge & Honorary 1st Class Magistrate	
C. P. Parameswaran Pillai, Advocate, Quilon.	Judge & Honorary 2nd Class Magistrate	
M. K. Alexander, Advocate, Quilon.	Do.	Do.
L. R. Anantharama Aiyar, Munsiff's Court Vakil, Quilon.	Do.	Do.
S. V. Gopalaswami Pillai, Retired A. S. P., Quilon	Do.	Do.
K. N. Janardhanan Pillai, Land Lord, Puthenmatom, Quilon.	Do.	Do.
C. K. Mytheenkutty B. O. O. Agent, Quilon	Do.	Do.
P. K. Kesavan, Land Lord, Puthiya Veedu, Meenathucherry, Quilon.	Do.	Do.

VILLAGE PANCHAYAT AND BENCH MAGISTRATE'S COURTS (*contd.*)

Name.	*Designation.*
X. TIRUVELLA.	
K. M. Mammen Mappillai, Vakil, Tiruvella.	President and Honorary 2nd Class Magistrate, (Chairman).
M. S. Sreenivaea Aiyar, Vakil, Thiruvella	Senior Judge and Honorary 2nd Class Magistrate.
P. G. Krishnan Thambi, Vakil, Tiruvella.	Judge and Do.
K. Kerala Varma Raja, Manimangalam Mathilbhagam, Tiruvella.	Do. Do.
C. K. Sankara Pillai, B. A., B. L., Advocate	Do. Do
P. M. Mammen, Vakil, Tiruvella.	Do. Do.
K. K. Kunjukriehnan, B. A.. Kannara, Neerettupuram, Tiruvella.	Do. Do

VILLAGE PANCHAYAT COURTS.

I. ALWAYE.

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P. K. Prabhakaran Pillai, Munsiff's Court Vakil, Alwaye.	Senior Judge.
P. K. Bhaekaran Nair, B. A., Land Lord, Parattu Veedu, Alwaye.	Judge.
Cyril J. David, Merchant, Palathu Bungalow, Alwaye.	Do.
M. K. Muhammed, Merchant and Land Lord, Alwaye.	Do.

II. ATTINGAL.

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N. Neelakandan, Vakil, Munsiff's Court, Attingal.	Senior Judge.
K. Gopalan Potti, Advocate, Attingal.	Judge.
C. V. Raman Pillai, Vakil, Attingal.	Do.
M. Yoonus, Land Lord, Mamoottu Veedu, Alencode.	Do.

III. CHIRAYINKIL.

K. N. Raghavan Pillai, Ottaveedu, Chirayinkil	President.
P. Kunjukrishnan, Sree Vilasom House, Kadakkavoor	Senior Judge.
M. Madhavan Pillai, Palavila Bungalow Chirayinkil	Judge
Abdul Khadir Lebba Muhamad Abubaker, Pandakasala, Puduval Veedu, Sarkara.	Do.

IV. COLACHEL.

P. Krishna Pillai, Elankom houee, Neyyoor	President.
V. Ponnambalom Nadar, Kalimai, Colachel	Senior Judge.
M. Joseph Peter Alexander, Port Street, Colachel	Judge.
D. Gnanakan, Kulathuvilagom, Kulapad, Colachel	Do.
Sahib Bahadur A. Peermahommed, Pandakasalapuram, Colachel	Do.

VILLAGE PANCHAYAT COURTS—(*contd.*)

Name.	*Designation.*
V. ERANIEL.	
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A. P. Daniel, Medical Practitioner, Manivilaputheu vsedu, Mangalavadi, Neyyoor	Senior Judge.
S. Sivathanumalayan Pillai, Puthen veedu, Fort, Eraniel	Judge.
Perumal Nadar, Muthaiah Nadar, Merchant, Kanjiravila, Thalakulam	Do.
VI. HARIPAD.	
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R. Narayana Aiyar, District Court Pleader	Judge.
K. V. John, Pleader.	Do.
Said Mahamad	Do.
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N. Kolappa Pillai, Munsiff's Court Vakil	Judge.
C. Kolappa Pillai	Do.
Malik Muhammad Mytheen Khan	Do.
VIII. PARUR.	
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K. C. Kurien	Senior Judge.
S. Krishna Menon	Judge.
R. Parameswara Menon	Do.
T. E. Abdullah.	Do.
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A. Subbaraya Pillai, B. A., B. L., Advocate	Judge.
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P. Ramiah Thevar, Contractor, Meloor, Shenoottah,	Do.
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K. K. Sankaranarayana Pillai, Advocate	Judge.
K. V. Joseph, Advocate	Do.
P. M. Aliar	Do.

VILLAGE PANCHAYAT COURTS.—(*concld.*)

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K. Sadasivan, B. A., B. L., Advocate, Trivandrum.	Do.
V. Sridharan Nair, B. A., B. L., Advocate, Trivandrum.	Do.
C. Kesava Kurukkal, District Court Vakil, Trivandrum.	Do.
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M. K. Rama Varma Thampan, Vakil,	Judge.
K. Damodaran, Advocate.	Do.
Devan Vasudevan Nampiathiri.	Do.

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P. M. Mohamed Sali, B. A., B. L., Advocate.	Honorary 1st Class Magistrate.
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L. M. Netto, Valiathurai.	Do.
Miss A. Bhagirathi Amma, Santhimandiram, Jagathy.	Do.
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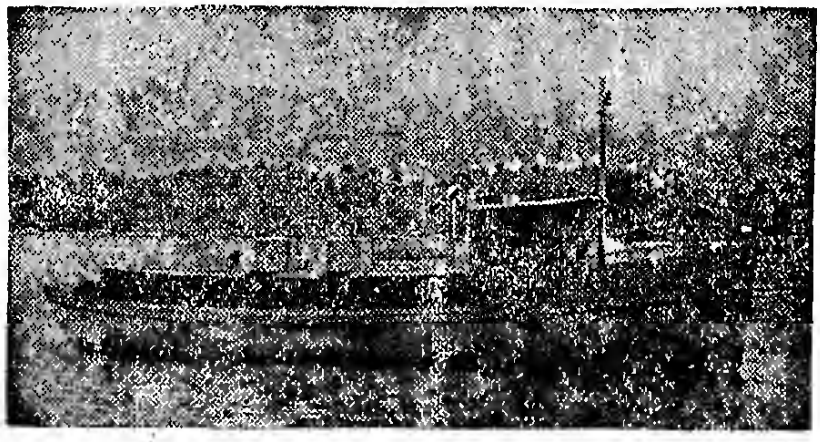

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5. „ M. K. Mackar Pillai *Member, Sri Mulam Assembly.*
6. „ K. P. Kochukora Tharakan, *Member, Sri Mulam Assembly.*
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8. „ Sthanunatha Aiyar, Nagercoil.

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Ascended the Musnud 13th April 1941.

RAVI VARMA

ELAYA RAJA OF COCHIN.

Born 16th Vrischigom 1041 M. E.

[Brother of H. H. the Maha Raja.]

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Mrs. K. M. GEORGE, B. A., L. T., Inspectress of Schools.

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H. R. MILLS, M. Sc. (London) Principal. (On leave.)
K. KARUNAKARAN NAIR, M. A. (Officiating.)

Medical Department.

T. VERGHESE, M. B. CH. B., M. D., D. T. M., Chief Medical Officer.
C. L. JOSEPH, L. M. S., L. R. C. P., M R. C. S, Civil Surgeon.
G. M. D' SOUZA, L. R. C. P., M. R. C. S, L M., Civil Surgeon.
A. K. MENON, M. R. C. P. (London), Civil Surgeon.
A. BABU RAO, L. R. C. P. (London), M. R. C. S., (England.)

Public Works Department.

V. K. ARAVINDAKSHA MENON, ASSOC. A. I. E. E.; A. S. M. E., Chief Engineer

Departments of Public Health & Panchayats.

Dr. E. S. R. MENON, L. R. C. P. & S., D. P. H., D. T. M. and H., Director of Public Health and Panchayats.

Income-Tax Department.

O. R. CHUMMAR, M. A., B. L., Commissioner of Income-Tax.

Department of Industries and Commerce.

V. K. ACHYUTA MENON, M. A., B. Com., Director of Industries and Commerce and Labour Commissioner.

Rural Development Department.

V. C. RAMANKUTTY, B. A., B. L., (in charge of the Rural Development Department.)

Ayurveda Department.

DR. V, K. G. MENON, L. M. S., Superintendent of Ayurvedic Hospitals.

INDIAN MARINE.

Mr. WALTER DANIEL PLATEL, Head Light Keeper, British Government Light House, Muttom.

JUSTICES OF THE PEACE IN TRAVANCORE.

(APPOINTED BY THE GOVERNMENT OF INDIA)

DR. G. D. NOKES, Judge, High Court, Trivandrum.
MR. T. H. MATTHEWMAN, Principal, Engineering College, University of Travancore, Trivandrum.
MR. ROBERT BROWN, Kannan Devan Hills Produce Company Ltd., Munnar.

REGISTRAR OF BIRTHS, DEATHS AND MARRIAGES IN TRAVANCORE.

Trivandrum : MR. W. PETER, Resident's Office, Trivandrum.
Devicolam : MR. ROBERT BROWN, Kannan Devan Hills Produce Company Ltd., Munnar.

MILITARY FAMILY PAYMENTS AND PENSIONS.

Trivandrum : MR. V. GOVINDA MENON, B. A.
Quilon : The Deputy Tahsildar, Tangacherry and Anjengo.

DEPUTY TAHSILDAR AND SUB-MAGISTRATE.

MR. N. R. VENKITACHALAM PILLAI, Anjengo and Tangacherry.

BRITISH POSTAL DEPARTMENT.

MR. A. SWAMINATHAN, M. A., Superintendent of Post Offices, Travancore Division, Trivandrum.
MR. V. SATYANARAYANAMURTHI GUPTA, Head Clerk, Office of the Superintendent of Post Offices, Travancore Division, Trivandrum.
MR. B. KESHAVA RAO, Inspector of Poet Offioes, Trichur Sub-Division, Trichur.
MR. N. VENKATARAMAN, do. Trivandrum do. Trivandrum.
MR. K. VENKATARAMAN, do. Kottayam do. Kottayam.
MR C. F. FERNANDEZ, Head Postmaster, Trivandrum.
MR. S. R. VENKATAKRISHNA AIYAR, Sub Postmaster, Alleppey.
MR. K. S. CHIDAMBARA IYER, do. Quilon.

HEAD POST OFFICE, TRIVANDRUM.

Selection Grade Sub Offioos : Alleppey and Quilon.

Sub-Offices at Adur (Travancore,) Alwaye, Anjengo, Attungal, Changanachery, Chongannoor, Colachel, Cotton Hill*, Kanjirapalli, Kayankolam,* Kottar, Kottarakara, Kottayam, Kozhenchorri, Marthandam, Mavelikara, Mayyanad,* Mullekkal, Mundakayam, Muvattupuzha, Nagorooil, Neyyattinkara, Neyyoor, Palai, Parur, Perumbavoor, Peermade, Punalur, Quilon Cutcherry, Shenoottah, Shertallai, Thuckalay, Tiruvalla, Trivandrum-Chalai, Trivandrum-Residency*, Varkala*, Vaikom, and Vallakadavoo.

Branch Offices. Ambalapuzha, Angamali, Aramboly, Arathinkal, Arukutty, Athirampuzha, Avaneeswaram, Balaramapuram, Bharananganam, Cape Comorin, Chavara, Chirayinkil, Chittattumukku, Edapally, Edava, Erattupetta, Ettumanur, Haripad, Kaladi, Karunagapalli, Kazhakuttam, Koni, Koravalangad, Kothamangalam, Kottaram, Kumbanad, Kundara, Kuthattukulam, Kuthiathode, Mallapally, Manavalakurichi, Mankompu, Mannanam, Mannar, Maramon, Mepral, Moongode, Mulagumudu, Murukumpuzha, Myladi, Nedumangad, Niramon, Ochira, Pallam, Palliport, Pandalam,

Panpulli, Parassala, Pathanapuram, Pathanamthitta, Perumatura, Pettah, Pulincunnu, Puvar, Quilon Bazaar, Shankumugham, Suchindram, Tangasseri, Tenmalai, Thalavadi, Thattakad, Thengapattanam, Thiruvithancode, Thodupuzha, Thiruvattar, Tittivila, Thottumugham, Union Christian College, Vadagarai, Vadaserikara, Varapuzha.

NEWLY OPENED OFFICES 1. Karamana.
2. Ranni.

Newly opened Branch offices Alagappapuram, Ayroor, Ayroor (Tla.), Chathannoor, Chennithala, Edathua, Elaparabazar, Eraviperoor, Eravipuram, Kadakavoor, Kalamasseri, Kattanam, Kidangoor, Kolahalmed, Kottiyam, Muttambism, Olesha, Paravoor, Paripalli, Poonjar Monastry, Puthupally, Thumpamon, Vettoor.

Sub offices marked with the astorisk* and all the branch offices are not telegraph offices.

POST OFFICES ON THE HIGH RANGES.

1. Talliar, S. O.*
2. Munnar, C. S. O.*
3. Devicolam, C. S. O.*
4. Mattupatti, S. O.*
5. Ellapatti, S. O.*
6. Thekkady, C. S. O.*
7. Vandiperiyar, C. S. O.*
8. Surianalli, C. S. O.*
9. Peermade, C. S. O.
10. Mundakayam, C. S. O.
11. Fairfield C. S. O.
12. Elappara Bazar, B. O.

[S. O. Sub-Office; C. S. O. Combined Sub-Office.]
[B. O. Branch Office.]

* These offices are under the administrative jurisdiction of the Superintendent of P. Os., Madura Division, Madura.

THE INDIAN TELEGRAPH DEPARTMENT.

W. P. MORLEY, Postmaster General, Madras.

L. C. P. M. GRANT, O. B. E., Director of Telegraphs, Madras.

H. D. VIJ, C. E., (Hons.) Divisional Engineer, Telegraphs, Trichinopoly.

T. C. BHASKARAN, Telegraph Master, Trivandrum.

Trivandrum is a Departmental Telegraph office; and Adoor, Alleppey Alwaye, Anjengo, Attungal, Changanacherry, Chengannoor, Colachel, Fairfield, Kayanoclam, Kottayam, Kottar, Martandam, Mavelikara, Mundakayam, Muvattupuzha, Nagercoil, Neyyattinkara, Neyyoor, Surianalli, Parur, Peermade, Perumbavoor, Punaloor, Quilon, Quilon Cutcherry, Shencottah, Shertallai, Thekady, Thuckalay, Tiruvalla, Trivandrum Chalai, Vaikom, Vandiperiyar, Kanjirapalli, Kozhencherri, Kottarakara, Palai, Vallakadavoo and Mullakal are Postal combined offices.

BRITISH TOWN OF COCHIN.

Revenue Department.

M. C. GEORGE, B. A., Subordinate Judge, Deputy Collector and First Class Sub-Divisional Magistrate, Receiver of Wrecks.

N. KESAVAN NAIR, Stationary Sub Magistrate.

C. JOSEPH, Head Clerk, Revenue Divisional Office and Nazir, Sub-Court.

Registration Department.

U. SHUNKER MENON, Sub-Registrar and Notary Public.

Police Establishment.

M. C. MOHAMMED MOOSA, Sub-Inspector of Police.

Rs. 1000 in five years

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INTEREST TABLE

If drawn before 6 months ...	No interest
If drawn after 6 months but before 12 months	2 % per annum
If drawn after 12 months but before 24 months	3 % per annum
If drawn after 24 months but before 36 months	3½% per annum
If drawn after 36 months but before 60 months	4 % per annum

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Branches in Indian States :

Mysore : Bangalore City, Devanagere, Mysore. **Travancore :** Alleppey, Quilon Trivandrum. **Cochin :** Trichur, Cochin. **Pudukottah :** Pudukottah.

Authorised Capital ...	Rs. 60,00,000	Reserve & Other Funds	Rs. 17,92,675
Issued & Subscribed Capital	Rs. 48,00,000	Reserve Liability of Sharehol.	Rs. 35,20,000
Paid-up Capital ...	Rs. 12,80,000	Deposits as on 30-6-'42	Rs.4,15,17,240

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Current, Fixed Deposit and Savings Bank Accounts opened. Government Paper and other Securities purchased and sold, the custody thereof undertaken. Interest and dividends collected.

Three Year Cash Certificates issued at the issue Price of Rs. 46-2-0 for every Rs. 50 which works out at 2¾% Compound interest.

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N. GOPALA IYER, Secretary.

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Motor Service and Touring Talkie Cinemas

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Sole Proprietor : H. NEELAKANDA AIYAR. *General Manager :* N. K. KARUNAKARA PILLAI.

Regular and Reliable Motor Bus Services between :

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Marine Department.

H. A. SHEPPARD, Harbour Master.
B. BROOK, Asst. Harbour Master.
S.C.T. SMITH, do.
J. G. HARDY, do.

Customs Department.

E. J. N. HEIDEN, Inspector of Customs.

Medical Department.

DR. B. SHANKAR RAU, L. M. S., Civil Surgeon.

Postal Department.

A. SWAMINATHAN, M. A., Superintendent.
K. O. UTHUP, Offg. Post Master, Cochin.

Imperial Bank of India.

L. R. HAMMETT, Agent.
T. N. RAMALINGAN, Sub-Accountant.
R. RAMASWAMI, Head Cashier.

Church of England.

Chaplain and Chairman of Church Committee, Rev. G. A. N. SHACKLE.
Committee Members of the Government Church of St. Francis.

(1) H. A. SHEPPARD.
(2) R. RODRIGUES.
(3) A. MEADOWS. (Hon. Secretary and Treasurer.)

Cochin Chamber of Commerce.

EXECUTIVE COMMITTEE.

W. GRANT, M.L.A. President.
H. BLACK. Vice-President.
R. AINSWORTH, J. E. PITCAIRN. } Other Members of the Committee.

V. N. SUNDARESAN, Secretary.

IMPERIAL BANK OF INDIA, TRIVANDRUM.

T.R. LEMAN, Agent.
A. HARIHARA AIYER, Sub-Accountant.
K. KARUNAKARAN NAYAR, Head Clerk.
C. R VENKATARAMANA AIYAR, Head Cashier.

IMPERIAL BANK OF INDIA, ALLEPPEY.

E. L. MOSCARDI, Agent.
B. ABBOY NAIDU, Sub-Accountant.
K. S. KRISHNASWAMY, Head Cashier.
A. THILLAINAYAGAM PILLAY, Head Clerk.

SECTION V.

Notable Institutions in Trivandrum.

SRI CHITRALAYAM

(Gallery of Asian Paintings.)

The Sri Chitralayam was opened on September 25, 1935, by His Highness the Maharaja of Travancore in order "to provide for the enjoyment, education and development of the artistic taste of the people by means of a collection of pictures representing the various eras of painting in India, along with some indication of the art in other parts of Asia that have been influenced by Indian culture".

The Gallery was reconstructed out of two bungalows side by side in the Museum Gardens, Trivandrum, the reconstruction, selection of exhibits, and hanging being done under the direction of Dr. J. H. Cousins. The first bungalow (single storeyed) is laid out in three sections illustrating modern Indian painting in works by (1) the pioneers of the revival of painting in Bengal, (2) their pupils and (3) other schools elsewhere in India that arose out of the movement.

The second bungalow (two-storeyed) has a large permanent loan collection of Indo-European paintings by Raja Ravi Varma and other members of the Kilimanoor family, on the ground floor. The rooms on the upper floor contain collections of Persian, Mughal, Rajput, Kalighat, Tanjore, Japanese, Chinese and Balinese paintings and prints and a unique series of copies of Indian mural paintings from prehistoric times, down through the eras of Ajanta and Bagh, to recent times in Cochin and Travancore.

The gallery thus gives a continuous view of Indian painting and is of high educational and historical value. The second bungalow also contains rare and excellent examples of Tibetan paintings (*tanka*).

A small collection of tempera paintings, mainly related in subject and sentiment to India, by the world-renowned artist Nicholas Roerich and his son Svetoslav Roerich, which was added to in 1939 and 1941, has been transferred to the Museum Annexe very recently.

A catalogue with historical and biographical notes and short descriptions of some of the paintings is on sale for four chuckrams.

The levy of entrance fee of two chuckrams per head was abolished and brought into effect from 7-9-1940.

THE MUSEUM AND GOVERNMENT GARDENS.

The idea of a Museum at Trivandrum originated with Mr. Allan Broun F. R. S., Director of the Trivandrum Observatory in the year 1852. Three years later, a Museum Society was organised with His Highness the Maharaja as Patron, the British Resident as President and Mr. Broun as Secretary. Its object was to afford instruction and encouragement in arts and crafts by the exhibition of specimens of natural history and products of industry, indigenous and foreign. The nucleus of the institution was a collection of minerals and rocks presented by the President. The present building, designed by the Consulting Engineer to the Government of Madras and named the Napier Museum after a former Governor of Madras, was completed in 1880. The building is of considerable architectural beauty. Three commodious halls connected by long corridors, with four towers and numerous gables, ornamental ceiling panels and wood work, coloured panes and artistically painted walls both inside and outside, constitute the main scheme of the building. The exhibits are arranged in orders and groups. Chief among the exhibits are a splendid collection of Natural History specimens, and certain specimens of Ethnology and Art. The model of a Nayar house, a relief map of Travancore and an ivory model of a human skeleton made in Travancore by Travancore workmen under command of a former Maharaja for the study of human anatomy, are some of the more important exhibits. The exhibits are classified into different sections such as Indigenous Arts, Crafts and Industries, Natural History, Ethnology and Geology. Admission to this educational institution is free, and one day in the week is set apart for *gosha* ladies. Over five lakhs of people visit the Museum every year.

The Museum building owes its beauty partly to its fine setting in a beautiful park. Fifty acres of hill and dale are tastefully laid out in paths and terraces; lawns and lakes, shrubberies and rockeries, flower-beds and conservatories, interspread with the runs and cages of the Zoo. Beginning from the lower level at the lake the ground rises tier on tier till it spreads into an extensive terrace converted into an ornamental garden in which the Museum stands. Weekly concerts are provided by the State Forces and Police Bands. Long flights of steps and grassy slopes leading down to the lake with clumps of golden bamboos and stately trees form the chief feature of the Lower Garden. There are nearly three miles of roads and foot paths; and a number of comfortable garden benches are provided.

The Zoo was started in 1859 with the gracious gift of the Palace menagerie by His Highness the Maharaja. It now contains a fairly representative collection of birds and animals numbering about 675. This section is perhaps the chief attraction of the institution. Admission to the Zoo is by tickets priced at one chuckram per head.

The "Park and Zoo" on the one hand, and the Museum on the other, form separate institutions at present. The former is known as the "Government Gardens," controlled by an Honorary Director assisted by a full time Superintendent, and the latter is under an Officer in Charge. The Museum exhibits have been added to and rearranged, of late, under the supervision of Dr. Jayaram Cousins, now Art Adviser to Government with a view to enhancing the scope of the exhibition of specimens of local arts and crafts. An annexe to the Museum, exclusively devoted to the exhibition of a rare collection of valuable specimens of Java Bali art, and of a few paintings by Nicholos and Svetoslav Rœrich has been recently opened.

THE TRIVANDRUM PUBLIC LIBRARY.

Housed in one of the most beautiful buildings in the town, the Trivandrum Public Library is one of the most popular institutions among all classes of people. It had its beginning in 1847 when the Public Library Society was organised with a limited membership. In November 1894, the Society was registered as a Joint Stock Company and became the Public Library Association, membership being thrown open to all persons residing in Trivandrum and conforming to the Rules. In 1897, the Association, under an agreement, handed over its entire property to Government on condition that Government erect a suitable building and "establish a free library to be handed over to the public in commemoration of the sixtieth year of the Queen's reign." Since 1898, the management of the institution rests with Government.

The Library now contains over 35,000 volumes, and the number is being daily added to. There is a good collection of very old, rare and costly books and manuscripts, which are available for consultation by any one. The Library subscribes for nearly 78 periodicals.

The terms of membership and subscribership are detailed below :—

Class	*Deposit.*	*Subscription.*
Class A.	Bh. Rs. 10	Bh. Rs. 2 per month, or Bh. Rs. 10/8 for 6 months if paid in advance, or Bh. Rs. 20 for 1 year if paid in advance.
Class B.	Bh. Rs. 10	Bh. Re. 1 per month, or Bh. Rs. 5/8 for 6 months if paid in advance, or Bh. Rs. 10 for 1 year if paid in advance.

A Class members are entitled to the loan of 8 volumes ordinarily, and 12 volumes when on circuit, and to the use of the Members' Reading and Writing Room for themselves and for a nominee.

B Class members are entitled to the loan of 4 volumes at a time and to the use of the Members' Reading and Writing Room.

Subscribers have to pay a deposit of Bh. Rs. 3 or 2 and a subscription of annas 8 or 4 according to the number of volumes they borrow from the Library.

With a view to extend the usefulness of this institution to the people of Travancore outside the Capital, there is provision made for the affiliation of mofussil libraries to this institution.

The amount of fees leviable from affiliated libraries is Bh. Rs. 9 for one year, Bh. Rs. 5 for a half year, or Bh, Re. 1 per month, the fees being payable in advance in every case. Each affiliated Library shall have the loan once a month of a variable number of books or periodicals whose total weight does not, as a rule, exceed 600 tolas; but Libraries to which books are sent through the State Transport Service shall have the option of the loan once a month of either 20 books or periodicals, or books or periodicals weighing 600 tolas from the Trivandrum Public Library.

The cost of transmission by State Transport Service or by Anchal both ways will be borne by Government.

The Libraries in the State at present availing themselves of the advantages of affiliation are :—

(1) The Dixon Library, Chengannur.
(2) Municipal Library, Quilon.
(3) Mar Thoma School Teachers' Association, S. C. Seminary, Tiruvalla.

(4) Sri Chitra Memorial Reading Club and Library, N. Parur.

(5) P. J. M. English High School Old Boys Library and Reading Room, Aymanam, Kottayam.

(6) The Ananda Dayini Library, Puthuppally, Kottayam.

(7) Leo XIII Reading Room and Library, Champakulam.

(8) The Sri Moolam Silver Jubilee Reading Room and Library, Thodupuzha.

(9) The Oollannore Rural Reconstruction Institute, Pandalam.

(10) Sri Moolam Club and Library, Devicolam.

Any person desiring to make use of the Trivandrum Public Library is permitted to use the books and periodicals in the Library. The research student is afforded all facilities to carry on his work in the Reference Room. Members of the staff are ready to render all help to those who wish to read in the Library.

The book rooms are open from 8-30 to 11-30 and 15-30 to 18-30. The Reading Rooms are open from 7-30 to 20-30 on all days except on a few scheduled holidays. The General Reading Room has become very popular, the average number of readers per month being 8889.

The Library is administered by a Committee consisting of:—

(i) The Pro-Vice-Chancellor of the University-*President* (ex-officio).

(ii) The Librarian of the University-*Honorary Secretary* (ex-officio).

(iii) Three representatives of the University nominated by the Vice-Chancellor.

(iv) Four other members nominated by Government from among the "A" Class members of the Library.

Members of the Committee shall ordinarily be persons resident in the town of Trivandrum.

THE MASCOT HOTEL, TRIVANDRUM.

The Mascot Hotel is centrally situated about two miles from Trivandrum Railway Station. The Napier Museum and Gardens, the Public Library, the School of Arts, the Roman Catholic and Protestant Churches are within easy walking distance of the Hotel. There are eleven airy single rooms and six double rooms all with bathrooms attached. All rooms are furnished in modern style and the sanitary arrangements are of the latest pattern. The Lounge, Bar, Sitting and Dining rooms are well appointed. The building has two floors. The cuisine is excellent. Accommodation can be booked in advance by applying to the Manager of the Hotel.

The Hotel undertakes catering for parties in the Hotel premises and outside at moderate charges.

The institution is now managed by Messrs. Spencer & Co., Ltd.

THE VICTORIA JUBILEE TOWN HALL, TRIVANDRUM.

The Victoria Jubilee Town Hall, Trivandrum, was erected, by public subscription, as a permanent memorial of the Golden Jubilee of the great and glorious reign of Her Majesty Queen Victoria. It was formally opened by His Highness the Maharaja on the 25th January 1896. The Government gave a handsome contribution of Rs. 35,000 as well as the site, measuring nearly an acre, for the purpose. The work was designed and executed by the State Engineering Department.

With its lofty well proportioned hall, stained glass windows, ornamental cornice, beautiful proscenium and five-storeyed steeple tower, the building presents an attractive spectacle. The Hall can accommodate 600 to 700 persons, besides 150 in the balcony and nearly 200 on the dais, which may also be used as a stage for theatrical performances. Three hanging curtains, a large emboidered velvet drop and a number of rotating side screens are furnished on the stage to serve histrionic purposes.

Electric fans and lights are provided throughout, and special arrangements exist for lighting the stage. There are green rooms and out-houses. A well laid out garden surrounds the main building. A moveable ticket booth is installed at one of the gates. The floor of the Hall is paved with polished teak so as to facilitate its use for dances. The services of a telephone and fire extinguisher are also available.

Government have priority for the use of the Hall; and the meetings of the Legislature were held here till lately. The management rests with a committee of ten members, of whom not less than six are non-officials. Four of the non-official members are elected by the voters of the Sri Chitra State Council resident in the City of Trivandrum, and the other two and the official members are nominated by Government. The members hold office for three years. The Committee elects one of its members as Honorary Secretary.

The rates of rent for the Hall are fixed as follows :—

(a) *For professional or amateur entertainments, admission to which is charged for.*

		Bh. Rs.
(i) For a single performance	...	25
(ii) For one week	...	120
(iii) For two weeks	...	210
(iv) For three weeks	...	270

(b) *For private or amateur entertainments or other private functions, admission to which is not charged for.*

For a single day or night	...	Bh. Rs. 20
(c) *For public meetings and lectures open to the public*	...	Bh. Rs. 12 As. 8
(d) *For purely charitable purposes, at the option of the Committee of Management*	...	Bh. Rs. 10.
(e) *For a night Rehearsal*	...	Bh. Rs. 2.

The above charges are exclusive of electricity charges, which amount to Bh. Rs. 2 As. 8 per hour for the use of lights and fans or both and Bh. Re. 1 As. 4 for every half hour or part thereof beyond the first hour.

All charges must be paid by the intending lessees in advance to the Divisional Treasury, Trivandrum, by means of countersigned triplicate chalans issued by the Honorary Secretary and the Treasury receipt thereof should be forwarded to the Honorary Secretary, pending sanction for the use of the Hall, hire of furniture or for other purposes.

Under sanction from Government on the recommendation of the Committee of Management, the use of the hall, free of rent, may, in certain cases, be granted to recognised associations in the city working for the public good. Applications for free use of the hall should be made to the Honorary Secretary at least a fortnight before the date of the proposed function.

SCHOOL OF ARTS.

This institution was started on 17-7-1064 M. E. (February 1889 A. D.). The industries such as carving in wood, coconut shell and ivory and Kuftgari work were started in Kumbhom 1064 when the school was started. Pottery manufacture was started in Chingom 1065 and silversmith's work in Chingom 1072. Inlaid work in ivory was also introduced later on. The institution was put in charge of a Superintendent and a visiting committee was appointed in 1071. The committee continued till 1080 when it was abolished.

Thirty students are given instruction in the drawing subjects as well as in any one of the handicrafts, *viz.*, ivory, wood carving, silversmith and Kuftgari and pottery work. A fresh batch of 15 stipendiaries is generally admitted once in two years but vacancies which may arise are also filled up once in a year.

The course of instruction covers over a period of four years. Other students are also admitted and given instruction in the drawing subjects on payment of Rs. 12 and Rs. 18 per annum for the lower and the higher classes respectively. The paying students and the stipendiaries are also prepared for the Madras Government Technical Examinations in Drawing subjects and Clay Modelling.

There is also a Lacquer-work section which was started in the year 1930 and in which instruction is imparted in the making of lacquer-wares. Seven stipendiaries are admitted in this section once in two years.

Ivory, Kuftgari, silver, pottery and lacquer-ware articles are manufactured and sold.

The articles made in the institution are kept for show and sale in the Trivandrum Sales Depot, the Sri Mulam Shastiabdapurti Memorial Institute, Trivandrum and in the School of Arts itself. The manufacture and sale of articles in the School of Arts are regulated by rules framed under the orders of Government.

All enquiries and orders in respect of the articles should be addressed to the Superintendent, School of Arts, Trivandrum.

Articles manufactured in Indian Style of design are, from time to time, sent for exhibitions both in and out of India and many medals have been obtained for the excellence of the articles.

TRAVANCORE
AYURVEDA DEPARTMENT

THE GOVERNMENT AYURVEDA PHARMACY,
MAIN ROAD, TRIVANDRUM.

★

All Ayurvedic medicines prepared according to the standard prescriptions under the expert supervision of the Honorary Director of Ayurveda, Dhanwantharidas C. N. Narayana Moose of Olesa, will be sold from this Pharmacy at cheap rates.

★

V. P. Orders accompanied with one-fourth value in advance are promptly attended to.

■ ■

Sales Depot will be open to the Public on all week days from 9-30 a. m. to 6-30 p. m.

Apply to:
CHIEF VAIDYAN,
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TRIVANDRUM.

DEPARTMENT OF INDUSTRIES

GOVERNMENT SALES DEPOT

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Situated near Mascot Hotel

The best medium for advertising the products of cottage industries of the State.

Articles noted for quality and reliability

A visit to the place will convince

Silk and Cotton hand-loom products, Ivory and Kaftgari works, Silver Chuckrams work articles, Rattan and Wooden furniture, Lacquer work, Pottery, Clay Models, Rubber goods, Wooden Toys, &c., &c., &c.	Cocoanut shell and Buffalo-horn carvings, Gold and Gold plated jewellery, Coir mats and mattings, Woollen and Cotton Carpets, Embroidery goods, Honey, Refined Jaggery, Screwpine bags and other rural products, Ceramic goods, artificial flowers, &c., &c., &c.

CAN BE HAD AT MODERATE PRICES.

Silk goods, Ivory, Cocoanut shell and Buffalo-horn carvings
Silver Chuckrams work articles and Wooden Toys

A SPECIALITY

Articles received for display and sale on consignment basis from bonafide manufacturers in Travancore

Orders taken and promptly executed.

Address enquiries to : **The Director of Industries,**
Travancore, Trivandrum

THE TRIVANDRUM SALES DEPOT.

In September 1932, Government sanctioned the opening of a Sales Depot in Trivandrum as an experimental measure and the Depot was opened on the 10th Makarom 1108. It is now housed in a building near the Mascot Hotel. Since 1108, it is being continued year after year on a temporary basis.

The Depot is intended to serve as a medium of advertisement for industrial products and also as an agency for the sale of these products. It is not a profit-making concern. Many private individuals and institutions, besides the Government institutions, have taken advantage of the Depot and exhibited their articles for sale there. The volume of business transacted annually amounts to about Rs. 15,000.

The Depot is under the charge of a Manager. It undertakes to receive exhibits and sell on commission, articles of all description which are *bona fide* products of cottage industries or factories in Travancore. The articles are to be delivered at the Depot by the owners at their cost. A commission of 10 per cent. is charged on all articles entrusted by private persons or institutions for sale and 6¼ per cent. on all products of Government institutions. The accounts of sales are closed every month and the amount due less commission is paid to the owner of the articles during the succeeding month.

Besides this, a Loom accessories depot has been attached to it. This sells all kinds of loom accessories to the local weavers and weaving institutions.

THE SRI CHITRA HOME FOR THE DESTITUTE AND THE INFIRM

With the object of eradicating mendicancy and distress by methods of organised relief, the Home was inaugurated under the gracious auspices of His Highness the Maharaja in 1931, and was formally opened by Her Highness Maharani Setu Parvati Bayi in 1934. The institution, now housed in a spacious building with extensive premises at Pattam, is so equipped as to afford accommodation for fifty inmates. It is under the management of a full time Resident Superintendent, assisted by an adequate staff and controlled by a Board of management. There is also an Orphanage attached, with accommodation for 50 children, under the care of a Resident matron.

Indigent and infirm persons of either sex above 40 years of age and orphans under 16 are admitted, on proper certification irrespective of caste or creed. They are fed, clothed and housed, and the children are sent to school. No effort is spared to make the condition of the inmates as happy and contented as possible with the resources available.

The funds of the institution are almost entirely made up of the munificent grant of Rupees half a lakh from the privy purse of His Highness the Maharaja. The interest on this amount which, together with the gracious contribution of Rs. 1,000 from Her Highness Maharani Setu Parvati Bayi and the handsome donation of Rs. 500 from Rao Sahib Udarasiromani T. Padmanabha Rao, as also casual subscriptions now aggregating to nearly Rs. 1,500, which make up an endowment fund, is the main source of income for the upkeep of the institution. This is augmented by generous Government grants, so far amounting to Rs. 38,400. Lump sum donations, subscriptions, either periodical or casual and contributions towards feasts, payable either to the Honorary Secretary or the Honorary Treasurer, are gratefully accepted.

The Board of management is sparing no pains to increase the resources of the Home.

THE SRI MULAM TIRUNAL SHASTIABDAPURTI MEMORIAL INSTITUTE, TRIVANDRUM.

The Institute, situated to the south-east of the Public Offices, is a permanent memorial which a grateful people have erected in commemoration of an unique event (the sixtieth birthday) in the life of a sovereign who devoted a strenuous life of unstinted service to the welfare of his people. It serves as an industrial and commercial Museum and Bureau where local products and manufactures are exhibited and sold with information about their source, price and other useful particulars. The endowment is to the value of nearly one lakh of rupees, of which one-half is invested on buildings and furniture and the other half forms the corpus of the fund, the income from which is used to defray the cost of upkeep.

The Institute is under the control of a Committee of management appointed by Government and consisting of seven members of whom four are non-officials. The Committee elects its Chairman and Honorary Secretary; an executive committee is formed consisting of the above and another member; and two

other members are selected to audit the accounts and take stock of the exhibits at the end of each year.

With a view to encourage trade and manufacture, the practice of levying charges for hire of space has been discontinued and it has been decided by the Committee of management to allow accommodation to owners of exhibits free of charge.

There is a library attached to the Institute, containing books on subjects relating to industry and commerce. The Institute is also subscribing for several journals dealing with those subjects. The Institute and the Library are open to all.

Every year the anniversary of the birthday of His Highness Sri Mulam Tirunal Maharaja is celebrated by the Institute. The building and the premises, which have been converted into a neat garden forming a fine setting for the hall, are decorated and illuminated. A public meeting is held at which a lecture on some topic relating to commerce and industry is delivered. The bust of the late Maharaja, kept in the Institute, is garlanded and tributes are paid to the departed Ruler.

The Institute is open daily from 9-30 A. M. to 6-30 P. M.

Enquiries from intending exhibitors may be addressed to the Honorary Secretary.

WOMEN AND CHILDRENS HOSPITAL, TRIVANDRUM.

The establishment of a separate Hospital intended exclusively for women in the State dates back to the year 1070. It was styled the Maternity Hospital and was intended for treating Maternity cases rather than all diseases to which women and children are subject. It was placed in charge of a Male Assistant Surgeon. After some years a Lady Doctor was appointed as the head, and the Hospital began to grow in usefulness and popularity. But it continued to fail to attract Indian women of the better classes. His Highness the Maharaja, however, felt that the time was ripe for giving the Capital a first-rate Hospital for women and children, and accordingly in 1091 (1916) the present Hospital at Thycaud was opened with 90 beds, and for the first time the Hospital was placed under an Indian Lady Doctor trained in London. It has now 154 beds. Separate Wards were provided for treating Maternity, Gynaecological and Medical cases. Six rooms for paying patients and a ward for children were also attached. The institution has

grown in numbers and in efficiency during the past 24 years, and it attracts patients not only from different parts of Travancore, but also from British India, Burma and Ceylon and the East Indies.

The Hospital, which started with about 30 in-patients and 50 out-patients daily, and about 100 maternity cases a year, has now about 300 in-patients and 400 out-patients daily, and over 3000 maternity cases a year. About 800 major surgical operations are also performed every year. It is interesting to note that in 1936, the Women and Children's Hospital at Trivandrum stood fourth among all the Women's Hospitals in India in the number of maternity cases treated. All classes and communities have got over the old prejudice of coming for treatment to the Hospital.

The Hospital is run entirely by women and the present staff consists of :—

The Superintendent

Four Assistant Surgeons, one of whom is the House Surgeon

Five Sub-Assistant Surgeons

Four Honorary House Surgeons

One European Head Nursing Sister

Seven European Nursing Sisters

Twenty Indian Nurses

Twenty-three Warders

Seventeen Midwives

Five Compounders

Dewan Sir C. P. Ramaswami Aiyar, realising the impossibility of the Government being able hereafter to supply all the increasing requirements of the Hospital, started a Hospital Donation Fund with a handsome gift from himself. Several persons have followed his laudable example and one donor has given Rs. 2,000 towards the building of a new Labour Ward to be named "Her Highness Karthika Thirunal Labour Ward."

This ward was opened on 31-10-1113/15-5-1938, and it is the first of its kind in Travancore. Another donor Mrs. R. Janaky Ammal, wife of late Mr. S. Ramaswami Iyer, Branch Secretary, Oriental Life Insurance Co., Ltd., has defrayed the expenses of constructing a ward with 4 beds in this institution named 'Ramaswamy Iyer ward' and this ward was opened on 2-1-1117.

During the last 14 years, a two years' course for Nurses has been regularly held in this Hospital, and all the Nurses who passed out have been employed by Government in the various Hospitals in the State.

Many eminent persons from different parts of the world have visited the Hospital from time to time including Their Excellencies Lady Irwin, Lady Willingdon and Lady Linlithgow. They have all been greatly impressed with the efficiency of the institution and its air of cheerfulness and comfort. Her Excellency Lady Willingdon, on the occasion of her second visit to the Hospital in 1933, noted in the Visitors' Book :— "It was a great joy to me to be able to visit this delightful Hospital again. I always remember it as one of the best I had seen in India, and now I am quite sure it is one of the best."

SRI CHITRODAYA NARTHAKALAYAM.

(The Travancore School of Kerala Dancing).

The Sri Chitrodaya Narthakalayam was started on the 6th February 1937, with the permission of Government, for imparting instruction in Indian Classical Dance based on Natya Sastra as practised in Kerala. The Narthakalayam is run as a grant-in-aid institution under the management of Mr. Gopinath, the Palace Dancer, and under the general supervision and guidance of the Palace Sarvadhikariakar. The Narthakalayam is having its headquarters at Poojapurai which is one of the healthiest localities in Trivandrum. The new buildings constructed by

Government for the use of the Narthakalayam provide sufficient accommodation, having separate rooms for holding practical classes and for providing lodging for the members of the staff and residential students. The institution is equipped with suitable furniture, musical instruments and dance equipment. Instruction is mainly imparted by Mr. Gopinath and Sry. Thankamani (Mrs. Gopinath) supported by a select group of musicians who form the background orchestra. The course of instruction to regular pupils extends over a period of six years, at the completion of which certificates will be issued by the Palace Dancer, countersigned by the Palace Sarvadhikariakar. The course commences each year in June and closes in April. The institution is working on all days except Mondays and important gazetted holidays.

The institution is open to all who desire to receive a course of instruction in Indian Classical Dance. Admission to regular classes is limited to boys and girls between the ages of 12 and 18.

Special classes are also held to suit the convenience of persons who could not join the regular classes. These special classes are of two kinds ; one for persons belonging to the State who could not find it convenient to be students of the regular classes, and another for persons from outside the State who could make only a short stay at Trivandrum for receiving instruction.

For admission to the Special Classes, there is no age restriction. Special class students who belong to the State are usually admitted only twice a year *i. e.*, within a month of H. H. the Maharaja's Birthday Celebration and within a month of the re-opening of Narthakalayam after the Midsummer holidays. Special class students from outside the State are admitted to the Narthakalayam with the permission of the Palace Sarvadhikariakar at any time of the year except during the Christmas holidays and the Midsummer holidays. Special class students, coming from outside, should agree to undergo training at least for a period of three months and pay three months' fee in advance on admission. They should also produce an identification and conduct certificate along with their application from any important officer of the place from where they apply.

Pupils who undergo regular course of instruction have to pay a monthly fee of Rs. 5. Fees for special class students who belong to the State are Rs. 7½ for the first year course, Rs. 10 for the second year and Rs. 15 for the third year. Fees for special class students from outside are Rs. 75 per mensem. Pupils undergoing the regular course of instruction can have their boarding in the Narthakalayam on payment of Rs. 8 per head per mensem. Special boarding and special lodging could be conveniently arranged for those who seek admission to the special classes.

Attached to the Narthakalayam is a Dancing Troupe which is available for public and private performances in and outside the State. Arrangements for such performances can be made by correspondence with Mr. Gopinath, Palace Dancer, Trivandrum.

The expenditure on account of grant to the Narthakalayam is debited to the Education Budget.

SRI S WATHI TIRUNAL ACADEMY OF MUSIC

The Academy of Music which was started as a departmental Institution on the 10th September 1939 has been made permanent from 17th August 1942. The institution is intended for popularising the compositions of His Highness Sri Swati Tirunal and also to impart higher education in music.

The Academy is housed in a very spacious building situated south of the Residency. The institution is well equipped with suitable furniture and necessary musical instruments. A small library consisting of books on ' Sangita Sastra is also attached.

The Academy provides a three years' Diploma course in Vocal music. Admission is open to all between 15 and 25 years of age who desire to undergo the course subject to the rules of the institution. Instruction is imparted to men and women separately. The fee for the entire course is Rs. 120 levied during three academic years, in 8 instalments of Rs. 5 each per year. The course commences every year in July and closes in April. The institution works on all days except Sundays and other Government holidays.

Brahmasri Gayakasikhamani L. Muthia Bagavathar is the Principal of the institution. The teaching staff has been increased to five Professors, (they being Messrs. N. V. Narayana Bhagavathar, M. A. Kalyanakrishna Bagavathar, K. R. Kumaraswami Aiyar, K. V. Kesava Bhagavather and C. S. Krishna Aiyar) and two Sanskrit Pandits. There is also a Manager in charge of the Office. The present Manager is Mr. A. Venkateswara Aiyar. B. A.

Many persons from far and near, have visited the institution, from time to time, and all of them have been well impressed and pleased with the work turned out by the institution.

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THE AQUARIUM.

The Aquarium, which forms part of the Marine Biological Laboratory of the University, was opened on the 28th October 1940, by Her Highness the First Princess. It is designed to meet the needs of the Department of Marine Biology and Fisheries and also to serve as an educational and recreation centre for the general public.

The Aquarium is situated on extensive grounds on the Chackay-Shangumukhom Road and is the largest and most up-to-date of its kind on the mainland of the Asiatic continent. It contains 25 reinforced concrete tanks, each $10' \times 3\frac{1}{2}' \times 3'$ with 1" thick glass plates in front. The tanks are arranged on both sides of a 'U' shaped corridor. The outer side of the 'U' is lined by fifteen sea water tanks, while the inner side is occupied by two parallel longitudinal rows of tanks, with five tanks in each row for fresh water and brackish water.

All the tanks are lighted up from invisible sources and this enables the visitor to get brightly illuminated view of aquatic fauna. Great care has been taken to reproduce in the tanks the conditions obtaining in the habitats of the various exhibits.

The tanks contain a collection fairly representative of the river, lake and sea fishes of Travancore, and other varieties of rare and interesting forms of aquatic life.

The aquarium is open to the public from 8 A. M. to 11 A. M. and from 2 P. M. to 6 P. M. on all days, The admission fee is one chuckram.

SECTION VI.

Religious Missions, Clubs, Associations, etc.

[*The following notes have been supplied by the authorities of the Missions or other bodies concerned; and the Government take no responsibility whatever for the accuracy of the facts and opinions expressed in them.*]

CHRISTIAN MISSIONS.

Brethren.

Kumbanadu, Tiruvalla. Opened 1898.
Evangelistic Work carried on.
"Noel Memorial" Middle and High School. Pupils 600
Medical Dispensary, Mrs. E. H. Noel, S. R. N., in charge.
Bible & Book depot. Opened 1913.
Noel Memorial Printing House. Opened 1937.
Dewan Bahadur Verghese—Hospital, Tiruvalla.
Dr. R. S. Churchward, M. B., C. H. B., Medical Superintendent
Sister S. Churchward, S. R. N.
Sister T. Parkinson, S. R. N.
Editor and Author P. V. George, Office, Tiruvalla.
Magazines: Malabar Christian, 1924.
Editor: K. V. Simon. Office, Edayaraumula. Viyojithan 1920.
Girl's Orphanage, Trichur. Opened 1905.
Principal: Miss. L. Sundgren.
Boy's Orphanage, Irinjalakuda. Opened 1905.
Principal: A. Soutter.
Evangelistic Work, Kunnamkulam & District.
Opened by V. Nagal, 1896.

Missionaries.		*Year of arrival*
R. S. Churchward, M. B., C. H. B.	..	1938
Noel, E. H., Kumbanadu, Tiruvalla	...	1904
Fountain, G. L. (Mrs. Fountain, M. B., B. S. in charge of Dispensary) Tiruvalla	...	1933
Black, G., Alleppey	...	1919
Soutter, A., Irinjalakuda	...	1920
Mitchell, Miss, J. C., Angamali	...	1908
Sundgren, Miss, L., Rehoboth, Trichur	...	1905
Wallace, Miss, E. C. Do.	...	1935
Davies, J. M. Do.	...	1920
Vine A. Kottayam	..	1940

Total Adherents	...	12,500	
Do. Congregations	...	120	
Do. Evangelists and Teachers	...	300	
Brethren Mission Schools and halls	46.	Pupils	4,500
Do. Middle Schools	6	,,	1,200
Do. High Schools	2	,,	500
Do. M. H. Training School	1	,,	28

School Manager: E. H. Noel, Kumbanadu, Ag., G. L. Fountain.
Correspondent. P. V. Daniel, Office at Tiruvalla.

The "Brethren" are a community of Christians to be found in many parts of the world. They have 1,000 missionaries, mostly British, of whom 170 are working in various parts of India. Their work commenced in the Telugu district. They had their centenary in 1936. It was about 44 years ago that they started work in Central Travancore and Cochin. It is evangelical and there are Orphanages, Medical and Educational Institutions, and in other parts of India, Leper Asylums and Hospitals. Their principal missionary monthly paper is the "Echoes of Service" published in Bath, England, but there are others printed in America, Australia and New Zealand The "Witness" published in London has a very wide circulation.

The Salvation Army.

Territorial Headquarters—Pattam Palace Road, Near Kaudiyar Palace.
Commissioner Chas. F. A. Mackenzie (Anandham), Territorial Commander.
Lt. Colonel A. J. Heden (Deva Rubam), Chief Secretary.

Trivandrum is the Headquarters for what is known as the Southern India Territory, which extends over the whole of Travancore and Cochin, and also the whole of British India, south of Madras.

The work has developed during the past fifty years notably in Travancore and the Tinnevelly District.

The Field Organisation is divided into sixteen Divisions and Districts for administrative purposes. Eleven of these Divisional Headquarters are within the State of Travancore, each under a Divisional Commander.

Nagercoil.	Thuokalay,	arthandam
Neyyattinkara,	Trivandrum,	Nedumangad,
Kottarakara,	Adoor,	iruvalla,
Mavelikara,	Ponkunnam,	

while in North Travancore the work is supervised from Cochin.

Medical Work has its centre at the Cathorine Booth Hospital at Nagercoil with twolve Branch Hospitals and Dispensaries under the Senior Medical Officer, Lt. Colonel Dr. William A. Noble, M. D., F. A. C. S.

The Puthencuruz Leper Colony in North Travancore was opened in the early part of 1936 and is known as the Evangeline Booth Leper Colony.

Primary Schools in rural areas are a feature of the work, and Middle Schools, both English and Vernacular, are established in Nagercoil and an English High School in Trivandrum.

Industrial work is carried on both in Nagercoil and Trivandrum including cotton weaving, needle and lace work, book-binding and wood work.

Two monthly publications known as Yudhasabdam (Malayalam) and Poresatham (Tamil), which also serve as the Official Gazette of the Salvation Army are published in Trivandrum.

Two Malaria Dispensaries in the Neyyattinkara Taluk are operating and meeting a great need.

Archdiocese of Ernakulam.

ARCHBISHOP—THE MOST REV. MAR. AUGUSTINE KANDATHIL, D. D.
VICAR GENERAL —THE RT. REV. MGR. GEORGE VALLIARUMPETH.

Area of the Archdiocese about	2830	Square Miles.	
Catholic Houses	39084		
Catholic population	231632		
Parish Churches	124		
Public chapels	20		
Churches of monasteries and Convents	18		
Oratories	141		
Priests	201		
Seminarists	51		
English High Schools for Boys	5	Boys	1276
" " Girls	2	Girls	886
Vernacular High Schools for Boys	2	Students	130
" " Girls	1	Students	517
English Middle Schools for Boys	13	Boys	2870
" " Girls	8	Girls	1298
Vernacular Middle Schools for Boys	11	Boys	3292
Vernacular Middle Schools for Girls	4	Girls	1970
Primary Schools recognised by the Govt.	123	Students	23444
Village Schools	84	Students	2704
Boarding Houses for Boys	3	Boys	138
" Girls	13	Girls	207
Industrial Schools	4	Students	121
Teachers' Training School	1	"	28
Orphanages for girls	7	"	134
Orphanage for boys	1	"	45
Carmelite Monasteries	7	Monks	111
Vincentian Fathers' Houses	2	Members	15
Religious House for Brothers of Little Flower	2	"	12
Carmelite Convents for Sisters	18	Sisters	418
Poor Clare Convents	4	"	50
Adoration Convent	1	"	22
Convents for Sisters of Destitute	6	"	49
Sacred Heart Convent	1	"	19
Houses for aged poor	2	Inmates	60
Martha's Home for poor girls	2	"	47
Home for the abandoned women	2	"	38
Press Diocesan	1	Others	3
Circulating Diocesan Library	1		
Hospitals	4		
Poor Leper Hospital	1		
Dispensaries	5		
University Degree Holders in the Archdiocese	398		

Newspapers: "Malabar Mail" Daily.
"Sathyadeepam" Weekly.

Magazines "Ernakulam Missam" Monthly.
"Kudumbadeepam" "

Archdiocese of Trivandrum.

ARCHBISHOP—METROPOLITAN : HIS GRACE THE MOST REV. DR. MAR IVANIOS, O. I. C., M. A.

His Holinese Pope Pius XI established the ecclesiastical province of Trivandrum for the Catholics of the Syro-Malankara Antiochean rite, consisting of the Archiepisoopal see of Trivandrum and the Suffragan see of Tiruvella. His Grace's Metropolitical jurisdiction extende over Travancore, Cochin and British Malabar.

uffragan Bishope :

(1) The Most Rev. Mar Severios,
(2) The Most Rev. Mar Theophilos,
(3) The Most Rev. Mar Thoma Diocoros.

The Pampa river is the boundary between the Archdiocese of Trivandrum and the Diocese of Tiruvella.

RELIGIOUS INSTITUTIONS.

(1) The Bethany Asram—for the Order of the Imitation of Christ—Nalanchira, Trivandrum.
(2) The Bethany Convent—for the Sisterhood of the Imitation of Christ—Nalanchira, Trivandrum.
(3) The Bethany Convent, Nangiarkulangara, Haripad.
(4) St. Mary's Convent—for the Daughters of Mary—Marthandam, Vilavankod.

EDUCATIONAL INSTITUTIONS.

(1) St. Aloyeius Theological College—Rector Rev. Fr. Thomas Karyil, B D.
(2) Sachivottama Shashtyabdapoorti Memorial E. H. and M. H. Schools, Pattom, Trivandrum.
(3) Pope Pius XI E. H. School, Bharanikavu, Kattanam, Pallikkal.
(4) P. M. D. E. H. School, Cheppad, Haripad.
(5) Bethany Balikamadhom E. H. School for girls, Nangiarkulangara, Haripad.
(6) St. Paul'e E. M. School, Nemom.
(7) St. Mary's E. M. School, Erezha, Mavelikara.
(8) Little Flower E. M. School, Puthur, Kottarakara.
(9 Mal Middle Schools 6.
(10) Mal. Pry Schools 51.
(11) Industrial Schools 2

GENERAL INFORMATION : Districts 26. Parishes 36. Mission Stations 94 Priests 55.

Vicar General : The Very Rev. Remban Philippose Cheppat.

Chancellor & Procurator : Rev. Fr. Joseph Mailadyil.

Secretary to His Grace the Archbishop : Rev. Fr. N. A. Thomas, M. A., B. D. (On leave.)

Domestic Chaplain : The Rev. Fr. Thomas Kariyil, B. D.

Correspondent of Schools : Rev. Fr. Seraphion, O. I. C.

Archdiocese of Verapoly.

(*Erected on the 1st September 1886.*)

ARCHBISHOP :—MOST REV. DR. JOSEPH ATTIPETTY, Ph. D., D. D

VICAR GENERAL :—RT. REV. MGR. ALEXANDER LENTHAPARAMBIL.

History. The Archdiocese was formerly entrusted to the Carmelite Missionaries who had jurisdiction over both the Latin and Syrian Christians. On the 25th May 1887, the Syrians were exempted from the jurisdiction of the Archbishop of Verapoly and were placed under the jurisdiction of their own Prelates. On the 14th July 1930, His Holiness the Pope Pius XI was pleased to decree the division of the Archdiocese, erecting with a part thereof the Diocese of Vijayapuram and entrusting it to the Carmelite Order while the Archdiocese is placed under the care and charge of the Indian Clergy.

Religious Institutions.

(1) St. Theresa's Monastery, Ernakulam. (2) Monastery of the Immaculate Conception, Manjummel. (3) St. Philomena's Monastery, Coonanmavu. (4) St. Ritas' Convent, Ponnurunni. (5) St. Joseph's Convent, Verapoly (6) St. Theresa's Convent, Ernakulam. (7) Convent of Mount Carmel, Chathiath. (8) St. Joseph's Convent, Trichur. (9) Infant Jesus' Convent, Kurisunkal (10) The Little Flower's Convent, Palliport. (11) St. Francis Xavier's Convent Kalur. (12) Sisters of Charity House, Ernakulam. (13) The Little Flower's Convent, Alwaye. (14) The Assisi Friary, Alwaye. (15) Sisters of Charity House, Manjummel. (16) Sisters of the Holy Cross House, N. Parur. (17) Holy Ghost's Convent, Thottekattukara. (18) Sancta Maria Convent, Manjummel, (19) Holy Family Convent Manjummel. (20) Immuculate Conception Convent, Mathilakam. (21) Christ The King's Convent, Ponnurunni.

Educational Institutions.

(1) St. Joseph's Apostolic Seminary, Mangalapuzha, Alwaye. (2) St. Joseph's Petit Seminary, Ernakulam. (3) St. Albert's High School, & Boarding Ernakulam; (4) St. Theresa's Convent High School, First Grade College and Boarding for Girls, Ernakulam (Now shifted to Trichur). (5) St. Joseph's Convent High School and Boarding, Verapoly, (6) St. Joseph's Convent High School and Boarding, Trichur, (7) Our Lady of Mount Carmel Convent High School and Boarding, Chathiath. (8) St. Joseph's Middle School, Chathiath. (9) Santa Cruz L. S. School, Ochenthuruth. (10) Infant Jesus Convent Middle School and Boarding, Ochenthuruth; (11) Little Flower's Convent Middle School and Boarding, Palliport. (12) St. Mary's Middle School, Palliport. (13) St. Sebastian's High School, Gothuruthy. (14) Little Flower's Middle School, Cheranallur; (15) St. Joseph's Middle School, Mathilakam. (16) Little Flower's Convent High School and Boarding, Alwaye. (17) St. Philomena's Middle School, Coonanmavu. (18) St. John Bosco's L. S. School, Ernakulam. (19) St. Josephs' Boy's English Middle School, Ponnurunni. (20) Christ The King's Girls' English Middle School, Ponnurunni.

Primary Vernacular Schools, 87; Teachers 791; Pupils 23,003.

Charitable Institutions.

(1) St. Joseph's Orphanage, Verapoly. (2) St. Joseph's Industrial School, Ernakulam. (3) "House of Providence", Ernakulam. (4) St. Joseph's Hospital and Dispensary, Manjummel. (5) Mount Carmel Orphanage, Chathiath. (6) St. Joseph's Orphanage, Trichur. (7) The Holy Angels' Orphanage and Industrial Schools, Thrikakarai. (8) St. Antony's Orphanage, Mattathil, Ernakulam. (9) Little Flower's Orphanage Palliport. (10) Infant Jesus Orphanage, Ochenthuruth (11) St. Vincent D'Paul Society, (*a*) Ernakulam; (*b*) Vallarpadam; (*c*) Ochenthuruth; (*d*) Perumpilly; (*e*) Palarvattam.

Catholic population 122823; Clergy ~~114~~; Churches and Chapels 77; Printing Presses 3.

Diocese of Travancore and Cochin.

(Established in 1879.)

Religious Institutions.

The Church Missionary Society commenced its work in Travancore in 1816 as a mission of help to the ancient Syrian Church. After the rupture in 1836 with the Syrian Church, the Missionaries of the Society turned their efforts to direct Evangelistic work among the non-Christians. As a result of this work, schools were opened and congregations formed in several parts of the State. The headquarters of the Mission remain at Kottayam where are the College, the Cambridge Nicholson Institution for the training of workers and a High School for Girls.

The Diocese of Travancore and Cochin was established in 1897. The Governing Body of the Church is the Diocesan Council which was formed in 1928. There is a Standing Committee with 11 clerical and 26 lay members with its Committees, the Board of Finance, Board of Education, Board of Pastoral Work, Board of Mission, Board of Women's Work, Board of Children's Work, Board of Social Work, Board of Christian Literature, Board of Medical work and Board of work among Youth.

There are nine District Councils each with its own Chairman and Secretary. They are :—Elanthoor Council with 6 pastorates; Ettumanoor Council with 5 pastorates; Kottayam Council with 6 pastorates; Mallapally Council with 5 pastorates; Mavelikara Council with 5 pastorates; Melkavu Council with 4 pastorates; Pallam Council with 5 pastorates; Tiruvalla Council with 6 pastorates; and Trichur Council with 5 pastorates. The Diocese has its own home mission field in the Adur District with 9 stations. The Church has also a Foreign Mission Field in Parkal, Hyderabad State.

Churches : 100. The Church at Kottayam of the Holy and Undivided Trinity is the Cathedral Church of the Diocese.

Clergymen.

European	4
Indian	55
European Lady Missionaries.	14

Educational Institutions.

(1) 1 C. M. S. College, Kottayam—students 269.
(2) 1 Theological School—students 6.
(3) 1 Training School for Men—students 53.
(4) 1 Training school for women—students 53.
(5) 5 High Schools for Boys—students 2313.
(6) 1 High School for Girls—students 408.
(7) 12 English Middle Schools—students 1374.
(8) 1 Vernacular High School—students 557.
(9) 5 Vernacular Middle Schools—students 1717.
(10) 2 Community schools (a) for boys—students 30.
" (b) for girls—students 64.
(11) 1 Industrial School for boys—students 13.
(12) 1 Kindergarten School—students 59.
(13) 1 School for Deaf and Dumb Children 25.

Medical Institutions.

(1) Maternity Welfare Centrs, Melkavu.
(2) Karunalayam Dispensary, Warrikad, Tiruvalla.
(3) 2 Floating Dispensaries.

Total Christian population—84,238.

Diocese of Changanacherry.

(*Erected as Vicariate in 1896, as Bishopric on 21 Dec. 1923.*)

It is bounded on the north by Ernakulam Arch Diocese, south by Quilon, west by Arabian Sea and on the east by the Ghats.

BISHOP :—The Rt. Rev. Dr. JAMES KALACHERRY, Ph. D., D. D.

The diocese has 212 parish churches and 100 chapels and oratories, 383 Secular priests and a catholic population of about 4 lakhs.

Religious Institutions.

(a) Carmelite Monasteries 10 with 105 Tertiary monks. (b) Carmelite Convents 14 with 268 professed nuns. (c) Clarist Coovents 11 with 218 professed nuns. (d) Adoration Convents 12 with 287 professed nuns. (e) Sacred Heart Convents 3 with 65 nuns. (f) Adoration Fathers: Mission Houses 3, members 6. (g) Tertiaries of St. Francis Assissi in almost all the parishes numbering about 15,500.

Educational Institutions.

A. For Boys

(1) First Grade College 1, pupils 600. (2) English High Schools 8, pupils 3,108. (3) English Training School 1, pupils 22. (4) English Middle Schools 19, pupils 2305. (5) Vernacular Training Schools 2, pupils 62. (6) Vernacular Middle Schools 17, pupils 1,994. (7) Industrial School 1, pupils 47, (8) Malayalam High School 1, pupils 75.

B. For Girls.

(1) English Training School 1, pupils 16. (2) English High Schools 4, pupils 1103 (3) English Middle Schools 5, pupils 585. (4) Malayalam High Schools 3. pupils 1,427. (5) Malayalam Training Schools 2, pupils 56. (6) Malayalam Middle Schools 17, pupils 6,030. (7) Industrial School 1, pupils 30.

Besides, there is a Petit Seminary at Kottayam and 136 M. P. (mixed) Schools with a total number of about 29,000 pupils.

Diocese of Cochin.

(*Erected on the 4th February 1558 ; Re-organised in 1886.*)

BISHOP :—Rt. Rev. Dr. JOSE VIEIRA ALVERNAZ, Ph. D, D. D., D C. L., S. Sc. D.

Catholic population—1,74,327; Clergy—94; Parishes—46; Churches and out-stations—95; Orphanages—9; Printing Presses—2. Sisters—122; Brothers—10; Publications (Monthly)—1.

Religious Institutions.

Canossian Sisters at Alleppey (St. Joseph's Convent), Cochin (St. Mary's Convent), and Vypeen. Franciscan Missionaries of Mary at Palluruthy, Kattiparampu and Lourdepuram. Sisters Canonnesses of St. Augustins in the Convent of St. Roch, Thope, Trivandrum. Sisters of the third order of the Visitation in Holy Family Convent, Kattoor. Society of Jesus: Alleppey. Discalced Carmelites of the third order Chakiamury and Perumppadappu. Brothers of the order of St. Francis: Kalavoor and Kunnumel Prooadu. Sisters of Holy Cross: Alleppey Hospital. Sisters of charity: Hospital, Palluruthy.

Educational Institutions.

Seminary of the Sacred Heart of Jesus, Alleppey; St. Roch's Training School, Thope, Trivandrum; St. Mary's European Convent High School for Girls, Cochin; St. Joseph's Convent High School, Alleppey; Leo XIII High School for Boys, Alleppey; St. Sebastian's High School for Boys, Palluruthy; St. Peter's High School for Boys, Kumbalanghy; Santa Cruz High School for Boys, Cochin. Secondary Schools—14; Primary Schools—54; Industrial Schools—8; Special Schools—129.

Charitable Institutions.

St. Antony's Orphanage, Alleppey—St. Joseph's orphanage, Alleppey—Holy Family Poor house, Perumpadappu—St. Theresas' orphanage, Kalavoor—Bishop Abilio Institute, Cochin, etc.

Diocese of Kottayam.

(*Erected As Vicariate in 1887, as Diocese on 21st December 1923.*)

BISHOP : THE RT. REV. DR. A. CHULAPARAMBIL D. D.

RELIGIOUS INSTITUTIONS.

Sacred Heart Mount Monastery, Kottayam, opened 1921.
Inmates 20.
St. Stanislaus' Seminary, Kottayam, opened 1925

VISITATION CONVENTS.

Sacred Heart's at Kaipuzha 1892.
St. Stephen's at Uzhavoor 1912.
St. Anne's at Kottayam 1915.
St. Mary's at Punnathura 1918.
St. Joseph's at Perur, 1920.
Nazareth Convent, Nattachery, Kottayam, 1926.
Chunkam Convent, Thodupuzha, 1939.

OTHER INSTITUTIONS.

St. Thomas' Orphanage, Kaipuzha, commenced 1912.
The Catholic Mission Press, Kottayam, opened 1919.
St. Anne's Poor Home for aged women, opened 1940.

EDUCATIONAL INSTITUTIONS.

Sacred Heart Mount E. H. S. for Boys, Kottayam.
St. Anne's E. H. S. for Girls, Kottayam.
St. Mary's E. H. S. for Boys, Kidangur.
St. Thomas do. do. Chingavanam
St. Stephen's E. M. S. do. Uzhavoor.
St. Mathew's do. do. Kannanoara (Shertala.)
St. Michael's do. do. Kaduthuruthy.
St. George's do. do. Kaipuzha.
Sacred Heart Mount M. H. S. and St. Thomas M. H. S. for Boys.
St. Anne's M. H. S. for Girls.
Recognised M. M. S. for Boys, Monipally and M. M. S. for Boys, Karinkunnam.

Recognised M. M. Schools for Girls } Kaipuzha, St. Margaret's, Punnathura, St. Thomas', Uzhavoor, St. Joanna's.,

Recognised Primary Schools 32.
Boarding Establishments 8.
Catholic population of Diocese 42,748
Churches and Chapels 52.
Priests 91.
Clerics 6.
Nuns (including Hospital Nuns) 114.
Pupils in all schools 9,310.

The Syrian Knanaya Diocese of Malabar.

A racial diocese comprising only of Knanaya Syrians who are the lineal descendants of the Syrian Colony that settled down in Malabar in A. D. 345 under the leadership of the famous Syrian Merchant Thomas of Cana. The original colonists who hailed from Edessa (Urfa or Uraha) and the neighbouring places in Syria consisted of about 400 souls—men, women and children with their Bishop Mar Joseph of Uraha, a diocese under the Patriarch of Antioch. They landed at Cranganore where they were welcomed by the ruler Cheraman Perumal and the slowly dying native Christian community. The church in India was rejuvenated and replenished by this colonisation, though the colonists kept aloof from intermarrying with anybody outside, which custom is still in force. On the arrival of the Portughese in the 16th century the Knanaya Syrians had to migrate from Cranganore to the northern and central parts of modern Travancore which they occupy at present.

The Knanaya Syrians formed a homogeneous community until the Portugheso times when they became divided into two sections, one remaining faithful to Antioch and the other joining the Roman Catholic Portughese. After the death of Mar Joseph they had no bishops of their own until 1910 when Patriarch Abdulla II of perpetual memory consecrated Mar Severius as Metropolitan of what is now known as the Syrian Knanaya Diocese.

STATISTICS.

Administrator : Rt. Rev. T. K. Abraham Korepiscopa.
Vicar General: Very Rev. Fr. P. J. Thomas, M. A., L. T.
Bishop's Secretary : Rev. Fr. G. L. Thomas.
Councillors : Rev. Frs. C. P. Kuriakose, K. M. Jacob, A. Zacheriah and K. C. Thomas.
Churches. 23, Priests : 29. Deacons : 7.
Population : 25,000.

Knanaya Association :
(1) President : Very Rev. Fr. M. E. Zachariah Korepiscopa.
(2) Secretary : Mr. V. O. Abraham, B. A., B. L.
(3) Trustees : Rev. Fr. K. K. George and Mr. K. T. Thomas.
(4) Members : Clerical 36 Lay.

Knanaya Young Men's Association :
(1) President : Rev. Fr. K. T. Thomas,
(2) Secretary : Mr. T. T. Abraham, B. A.
(3) Trustee : Mr. I. M. Abraham.

The Mar Severius Education Fund :
(1) Capital : Rs. 9,000.
(2) Trustees : Rt. Rev. T. K. Abraham, Korepiscopa and Mr. E. P. Mathew, B. A., B. L.

Educational institutions :
(1) Mar Severius Memorial English High School, Ranni.
Teachers 13, Pupils 312.
(2) St. Mary Magdalene's E. M. School, Kuruchi.
Teachers 6, Pupils 100.
(3) M. P. Schools 4 :
Teachers 15, Pupils 328.

St: Thomas Syrian See (Mar Thoma Syrian Church).

(Established A. D. 52)

ECCLESIASTICAL HEAD: HIS GRACE THE MOST REV. TITUS II MAR THOMA, METROPOLITAN OF MALABAR.

" SUFFRAGAN: HIS LORDSHIP THE RT. Rev. ABRAHAM MAR THOMA M. A., D. D.

" EPISCOPAS: (1) His Lordship The Rt. Rev. Johannan Mar Timotheus, Maramon.

" (2) His Lordship The Rt. Rev. Matthewa Mar Athanasius, Kundara.

Vicar General— (1) The Very Rev. V. P. Mamman, B. A., Tiruvalla.

(2) The Very Rev. V. T. Chacko, B. A., Tiruvalla.

Honorary Secretary— P. O. Philip Esq. B. A., Tiruvalla.

Honorary Treasurer O. C. Ninan Esq. Tiruvalla.

Head Quarters— Mar Thoma Sabha Office, Thiruvalla, Travancore.

Synod— Prathinidhi mandalam of 438 members.

Executive Body— Sabha Council of 27 members.

MEMBERS OF THE SABHA COUNCIL.

1 His Grace The Most Rev. Titus Mar Thoma, Poolathin, Tiruvalla.
2 His Lordshsip the Rt. Rev. Abraham Mar Thoma M. A., D. D. Tiruvalla (*President*)
3 " " " " Johannan Mar Timotheus, Kundara, (*Vice-President.*)
4 " " " " Mathews Mar Athanasius, Maramon (*Vice-President.*)
5 Very Rev. V. P. Mamman, B. A., Tiruvalla.
6 Very Rev. V. T. Chacko, B. A., Tiruvalla.
7 Rev. C. P. Philipose Kasisa, Ayroor.
8 Rev. K. T. Thomas Kasisa, Kozhenoherry (Trustee)
9 Rev. K. E. Oommen Kasisa B. A., Eraviperoor.
10 Rev. M. G. Zachariah Kasisa, Kottayam. (Malpan)
11 Rev. V. I. Philipose Kasisa, Kundara.
12 Rev. P. M. Mathai Kasisa, Maramon.
13 Rev. P. I. Mathai Kasisa, Tiruvalla.
14 Rev. K N. Oommen Kasisa, Manganam.
15 Rev. C. V John Kasisa B. A. B. D., Kottayam.
16 Mr. K. K. Kuruvilla M. A., B. D., Tiruvalla.
17 " Eipe Mathai, B. A., L. T., Mulakazha.
18 " A. V. Mammen B. A. L. T., Tiruvalla.
19 " P. O. Samuel, Tiruvalla.
20 " O. C. Ninan, Tiruvalla.
21 " K. O. Thomas, Puthencavoo.
22 " C. P. Mathew M. A., Alwaye.
23 " A. G. Mathew B. A. B. L., Trivandrum.
24 " V. A. Chacko B. A. L. T., Kureannur.
25 " P. C. George B. A. B. L., Pathanamthitta.
26 Mrs. K. K. Kuruvilla M. A., Tiruvalla.
27 Mr. P. O. Philip B. A., Tiruvalla.

QUILON, KOTTARAKARA, CHENGANUR AND NIRANAM DIOCESS.

Charge: His Lordship The Rt. Rev. Johannan Mar Timothsus, Kundara— Parishes 135.

MARAMON, KUNNAMKULAM AND KOTTAYAM DIOCESES

Charge : His Lordship the Rt. Rev. Mathews Mar Athanasius, Maramon—Parishes 132.

RELIGIOUS INSTITUTIONS.

1. Evangelistic Association—(Established in 1888,)

President—His Lordship The Rt. Rev. Abraham Mar Thoma M. A., D. D., Tiruvalla.
General Secretary—Rev. C. P. Philipose Kasisa, Ayroor,
Corresponding Secretary : Mr. P. O. Samuel, Tiruvalla.
Parishes and Congregations—Members.

2. Sunday School Samajam—(Established in 1905.)

President—His Lordship The Rt. Rev. Johannan Mar Timotheus, Kundara.
General Secretary,—Very Rev. V. P. Mammen, Tiruvalla.
Corresponding Secretary : Rev. P. I. Chacko, Tiruvalla.
Sunday Schools—524. Pupils—50,176. Teachers—4028. Inspectors—47.
Parishes and congregations—5. Members—398.

3. Women's Sevika Sangham—Established in 1919.
President—Mrs. Annamma Zacharia, Tiruvalla
General Secretary—Mrs T. M. Annamma, Tiruvalla.

4	Malankara Prarthana Samajam & Voluntary Evangelistic Association	Establishment.	1907
5	English School Teachers' Association	,,	1929
6	English School Students' Conference	,	1911
7	Malayalam School Teachers' and Pupils' Association	,,	1915
8	Youth League	,,	1932
9	Educational Association	,,	1936
10	Edavaka Library	,,	1933
11	Edavaka Mission	,,	1934

THEOLOGICAL INSTITUTIONS.

1. Vydeeka Seminary, Kottayam. (For clergy training)
Principal : Mr. K. K. Kuruvilla, M. A., B. D.
Teachers 6, and Pupils 7.
2. Women's Bible Training Home, Tiruvalla.
3. Men's Bible Training Home, Tiruvalla.

EDUCATIONAL INSTITUTIONS.

1. English High Schools

A. For Boys.

		Teachers	Pupils
1	Mar Thoma Syrian Seminary, Kottayam,	20	474
2	Syrian Christian Seminary, Tiruvalla	31	800
3	St. Thomas English High School, Kozhencherry	22	560
4	,, ,, ,, Honowar	12	183
5	Asram English High School, Perumbavoor	8	126
6	St. John's English High School, Eravipuroor	24	506
7	Gurukula English High School, Edakkulam	5	98

B. For Girls.

1	Nicholson Syrian Girls' English High School, Tiruvalla	13	194
2	St. Marys Girls' English High School, Kozhencherry	14	300

2. English Middle Schools.	Teachers.	Pupils.
A. For Boys.		
1 Mar Athanasius E. M. School, Maramon	8	244
2 Syrian Christian E. M. School, Ranni	6	160
3 S. M. V. English Middle School, Chathannur	6	143
4 St. George E. M. School, Vazhoor	7	130
5 ,, ,, Kizhakampalam	12	125
6 Mar Thoma E. M. School, Ayroor	7	154
7 ,, ,, Vadaserikara		
8 ,, ,, Edayaranmula	9	204
9 ,, ,, Thalavady	7	183
10 ,, ,, Venmony	6	171
11 ,, ,, Kuriannoor	12	355
12 ,, ,, Valakam		
13 ,, ,, Keezhillom	7	176
14 ,, ,, Kanakappalam	6	106
B. For Girls.		
1 Mar Thoma E. M. School, Anaprampal,	7	128
2 St. Mary's ,, Eraviperur	9	152
3 ,, ,, Kottarakara	6	99
3. English Training School		
1 St. Thoma Under-graduate Training School, Tiruvalla	4	28
4. Malayalam High School		
1 Abraham Malpan Memorial School, Maramon	17	476
5. Malayalam Middle Schools		
A. For Boys		
1 V. M. School, Karamveli	7	239
B. For Girls		
1 M. M. School, Pathanamthitta		
6. Malayalam Primary Schools 135.	553	20087
7. Malayalam Training Schools		
1 St. Thomas Training School, Tiruvalla	4	23
2 A. M. M. Training School, Maramon	4	28
8. Sanskrit School		
1 Sanskrit School, Chamathakal, Vadaserikara.		71
9. School for the Blind		
1 Mar Thoma School for the Blind, Tiruvalla	2	5

MEDICAL INSTITUTIONS

1 St. Thomas Hospital, Cheriazheekal
2 Chundekunnu Dispensary, Tiruvalla
3 Floating Dispensary
4 Puthuppally Dispensary

CHARITABLE INSTITUTIONS.

1 Vilakkuvattam Orphanage, Punalur.
2 Salem Orphanage, Tiruvalla.

PRINTING PRESS.

1 Thomas Athanasius Memorial Press, Tiruvalla.

MAGAZINES.

1 Malankara Sabha Tharaka, Tiruvalla.
2 Syrian Sunday School Sandarsini, Tiruvalla.
3 Suvisesha Dhoothan, Tiruvalla.

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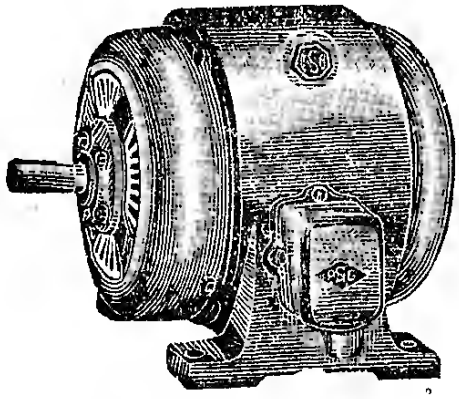

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CLEARING & FORWARDING AGENTS

Diocese of Quilon.

(Erected as a separate Vicariate on the 15th March 1853; as a Bishopric on the 1st September 1886. Entrusted to the Indigenous Clergy, 1st July 1937.)

BISHOP: H. L. THE RT. REV. JEROME M. FERNANDEZ.
VICAR GENERAL: THE RT. REV. MGR. VICTOR FERNANDEZ.

Secretary: Rev. Fr. Elias P. Jose
Procurator: Rev. Fr. Joseph Cruz.

General particulars of the Diocese—5 Divisions; 42 Districts; 43 Residential churches; 134 Pariah Churches and Chapels; 126 Priests; 74 Sisters; 12 Capuchin Students, 9 Capuchin Brothers; 4 Irish Christian Brothers; Catholics 88,355.

RELIGIOUS INSTITUTIONS.

Carmelite Fathers: St. Teresa's Seminary, Quilon. The Friars Minor Capuchins: St. Antony's Monastery, Quilon. Irish Christian Brothers in charge of St. Aloysius' High School Quilon. Carmel Tertiary Sisters: Quilon, Tangachery. Sisters of the Holy Cross: Quilon, Ittikara, Mavelikara, Noornad. Immaculate Heart of Mary Sisters: Canjeracode, Kumbalam, Quilon, Punalur.

EDUCATIONAL AND OTHER INSTITUTIONS.

St. Teresa's Theological Seminary Quilon. St. Raphael's Preparatory Seminary, Quilon. St. Aloysius' H. S. (boys) Quilon. St. Joseph's H S. girls' boarding) Quilon. European H. S. (girls' boarding) Tangachery. Infant Jesus European Boys School Boarding) English Middle School Thekkakarai St John's E. M. School, Eravipuram. Vernacular Middle Schools 3. Vernacular Primary Schools 57. Industrial Schools 8. Training School 1 with 24 students (Ittikara). Pupils in all schools 6,317 boys, 5,764 girls.

Boys' Orphanages—Ittikara. Girls' Orphanages—Quilon, Tangachery Canjeracode. Orphans 145. Homes for destitutes, widows 8 Home for infants 1.

Weaving Establishment at Ittikara, Quilon, under the care of the Holy Cross Sisters with 31 boys. Embroidery and Lace work in all the Convents.

Diocese of Tiruvalla.

Present Prelate : The Most Rev. Joseph Mar Severios, D.D., B.A.

The Rt. Rev. Mar Theophilose being unable, on account of ill-health, to rule the Diocese, His Holinese the Pope appointed the Most Rev. Joseph Mar Severios, D. D, B. A., as Administrator Apostolic of Tiruvalla. conferring on him the title of Ingila and all the rights and privileges which Diocesan Bishops enjoy and all the faculties which are necessary to him that he may legitimately rule the Diocese of Tiruvalla in things spiritual and temporal.

General information : The diocese extends from the River Pampa in the South to the River Ponnani in the North.

Episcopal Curia and Ecclesiastical Officials :—

1. Vicar General :—Rt. Rev. Mgr. Thomas Vadacherry, S. T. L.
2. Chancellor :—Very Rev. Fr. Thomas Pazhayathu, B. D., L. Ph.
3. Promotor of Justice :—Very Rev. Fr. John Kachiramattom, B. A. S. T. L.
4. Special Consultor :—Very Rev. Fr. Placid, T. C. O. D., Ph. D., D. D, D. C. L.
5. Diocesan Secretary and Procurator :—Very Rev. Fr. John Kachiramattom, B. A., S. T. L.
6. Diocesan Consulrors 7.

Religious Communities :—for men 3 ; for women 2 ; Religious men 21 Religious women 26. Minor seminary 1.

Districts 5 .—parishes 40 ; Mission stations 34 , priests (secular) 45, Religious 8, Seminarists 28.

Educational Institutions : English High School 1 ; English Middle School 1, Malayalam High School 1 ; Malayalam Middle Schools 3 ; Malayalam Primary Schools 11.

Correspondent of Schools : -Very Rev. Fr. John Kachiramattom, B.A., S. T. L.

Industrial schools 6 ; Printing press 1 ; Catholic Evidence Guild 1 ; Members 50.

Periodical publication "The Reunion Record",

Catholics of the diocese 10,712.

Diocese of Trivandrum.

The Diocese of Trivandrum for the Latin Catholics was formed into a separate Diocese by the dismemberment of the Quilon Diocese by the Apostolic Letters dated 1st July 1937 and was erected on the 5th Dec. 1937. The new Diocese comprises the four taluks of Neyyattinkarey, Nedumangad, Chirayinkil including the small territory of Anjengo and Trivandrum, excluding the territory of the Cochin Diocese, which lies from Pallithuray to Pattanam between the Canal and the sea.

BISHOP : H. E. THE MOST REV. VINCENT V. DEREERE, O. C. D.
VICAR GENERAL : RT. REV. FR. BERNARDINE, O. C. D.
PROCURATOR : VERY REV. FR. ALEXANDER, O. C. D.
SECRETARY : REV. FR. JOHN COILPERAMPIL.

General informations.—3 Divisions, 31 Districts, 31 Residential Churches 165 Parishes, 16 Chapels, 25 Secular Priests, 30 Carmelite Missionaries, 95 siaters, Carmelite Students 8, 5 Novices, 9 Carm. Brothers—Catholics 110,412

RELIGIOUS INSTITUTIONS.

1 Carmelite Fathers: Noviciate House Carmel Hill—Trivandrum.
2 Do. S. Heart Residence— Do.
3 Carmelite Sisters : Holy Angels' Convent— Do.
4 Do: S Heart Convent—Anjengo
5 Do. Little Flower Convent—Neyyattinkara
6 Sisters of the Holy Cross:—General Hospital—Trivandrum
7 Do. Women & Children's Hospital—Thycaud
8 Do. Oolampara Hospital—Trivandrum
9 Sisters of St. Agustine: St. Mary's Convent—Mariapuram—Neyyattinkara

EDUCATIONAL INSTITUTIONS.

1 St. Joseph's High School for Boys—Trivandrum
2 Holy Angels' High School for Girls— Do.
3 Little Flower High School—Neyyattinkara
4 S. Heart English Middle School—Anjengo
5 Middle Schools 10
6 Lower & Higher Grade Training School—Camenkode
7 Catholic Hostels for boys 1; for girls 2; Trivandrum
8 Primary Schools 4 . Pupils in all schools (boys 6776, girls 4624) 11,400

CHARITABLE INSTITUTIONS.

Orphanages for girls 3:—Holy Angels, Trivandrum; Little Flower Convent, Neyyattinkara & S. Heart Convent, Anjengo.
Home for the Aged and Destitutes 3.

Diocese of Vijayapuram.

Historical :—This Diocese was created as a distinct ecclesiastical unit on the 9th November 1930 by the division of the Archdiocese of Verapoly. It comprises the entire taluks of Muvattupuzha, Todupuzha, Devicolam, Peermade, Minachil, Kottayam and Changanacherry and several *pakuthies* of the taluks of Kunnatnad, Tiruvalla, Pathanamthitta, Ambalapuzha and Vaikom.

BISHOP :—HIS EXCELLENCY THE RIGHT REV. DR. BONAVENTURE ARANA, O. C. D.
Consecrated on the 29th of June 1931.
Residence—Kottayam.

RELIGIOUS INSTITUTIONS.

1. The Carmelite Fathers' Residence, Good Shepherd's, Kottayam.
2. The Convent of Our Lady of Mount Carmel, Kanjikuzhy, Kottayam.
3. The St. Theresia's Convent of Cloistered Carmelite Nuns, St. Theresia's Mount, Kottayam.
4. The Holy Cross Convent, Tiruvalla.
5. The Holy Cross Convent, Kottayam.
6. The St. Joseph's Convent, Kottayam.
7. The Sacred Heart Convent, Mundakayam.
8. The St. Joseph's Mission Home, Tiruvella.

EDUCATIONAL INSTITUTIONS.

1. The Mt. Carmel English Middle School for Girls, with boarding, Kanjikuzhy, Kottayam.
2. The Little Flower English Middle School, Pothy, Thalayolaparambil (A. O.), Vaikom (P. O.)
3. The Holy Family English Middle School, Nattassory, Kottayam.
4. Recognised Malayalam Primary Schools 18.
5. Non-recognised Primary Schools 31.

INDUSTRIAL INSTITUTIONS.

1. St. Patrick's Weaving Institute, Mundakayam.
2. The Good Shepherd's Press and Studio, Kottayam.

CHARITABLE INSTITUTIONS.

1. The St. Joseph's Orphanage, Kanjikuzhy, Kottayam.

General particulars :—

1.	Total Catholic Population—	46,000
2.	Priests	40
3.	Brother	1
4.	Sisters	45

The South India and Ceylon District Council of the Assemblies of God in America.

Superintendent:—Rev. C. F. Graves, Galle, Ceylon
Asst. Supt. —Rev. C T. Maloney, Velore (on furlough).
Sec. Treas.—Miss M. C Ginn Punalur (on furlough).
Committee Members.—Miss C. S. Eady, Bangalore
Miss R. Reineker, Jaffna, Ceylon

Foreign Missionary Staff -24; Indian and Ceylonese Staff 76; Sunday School Teachers: 109

Assemblies: 61, Adherents: 2100, Sunday Schools: 57, Sunday School Scholars: 1450.

Nature of the work: Evangelistic, Pastoral and Educational.

In Travancore and Malabar known as Assemblies of God Malayali Fellowship.

Superintendent: —Rev. J. H. Burguess, (on furlough) Asst. Supt.—Pastor A. J. John Sec Treas:—Pastor A C. Samuel.

Extent of the work in Travancore.

Foreign missionary staff: 6, Indian staff: 37, Assemblies 33, Adherents: 1250, Sunday schools 32, S. S. Scholars 925, S. S. Teachers 65.

Mavelikara and Punalur Division:

Superintendent: Rev. J. H. Burguess. (on furlough) Other assistants: Mrs. Burgess, (on furlough) Miss M. C. Ginn, (on furlough) Pastor A. J. John.

Assemblies: Mavelikara, Kanartamudi, Kollaksdava, Cheriyansdu Budhanur, Kappil, Puthupalli, Karunagapalli, Thevalakara, Vallikunnam, Nuranad, Porawazhi, Chengalathu, Pathanapuram, Vellikuvettam (Punalur) and Kotumon.

Bethel Bible Institute. Punalur. Principal:—Rev. J. H. Burguess; (on furlough) Secretary, Pastor A. J. John.

Reading Room. Mavelikara.

Trivandrum Division:

Superintendent: Miss Martha Kucers. (on furlough) Assistant Pastor: A. C. Samuel.

Assemblies. Oolloor, Anayara, Muttathorai, Vilappil.

Martandam Division.

Superintendent. Mrs. Mary Lindberg, Assistant: Miss Lenart. (on furlough.)

Assemblies: Kaithakuzhi, Malpuram, Pezhummudi, Vellanada, Eravoor, Attoor, Polliada, Arumana, Padadu, Kulathur, Kunniyoor, Plantope, Mankari, Kuzhitura.

Missouri Evangelical Lutheran India Mission
(M. E L. I. M.)
Nagercoil District
(*Established 1907*)

Headquarters: Nagercoil, Travancore.

Principal Centres .— Nagercoil, (Vallioor, Vadakangulam in Tin. Dist.)
Mission Stations :— 39 in the following taluks:—Thovala, Agastesswaram, Kalkulam, Vilavancodu

EDUCATIONAL INSTITUTIONS.

English High School (incomplete)	Nagercoil
Complete Primary Schools:	8, recognised
Incomplete Primary Schools:	10, (5 unrecognised)
Boys' Boarding School.	Nagercoil
Girls' Boarding School:	Nagercoil

Religious Training.

Catechist Class:	Nagercoil
Concordia Seminary	Nagercoil, Dr. A. J. Lutz, President

Publication.

Sattya Satchi	The Editor, Krishnagiri, Salem Dist.

Lutheran Mission, (M. E. L. I. M.)

Trivandrum District.

(*Established, 1911.*)

Headquarters.—PERUKADA, TRIVANDRUM.

Principal Centres:— Alleppey, Shertalla, Kalavoor, Nilamel, Aryanadu, Ponvila, Balaramapuram, Kattakada, Perukada, Trivandrum.

Mission Stations:—76 in the following taluks:—Shertalla, Ambalapuzha, Kottarakara, Pattanapuram, Chirayinkil, Nedumangad, Trivandrum, Neyyattinkara, Vilavankod.

EDUCATIONAL INSTITUTIONS.

(Correspondent:—Perukada, Trivandrum).

English High School and Hostel for Boys:	Perukada.
Complete Malayalam Middle Schools:	Ariadu, Nilamel, Aryanadu, Ponvila and Perukada.
Incomplete Primary Schools.	48.
Boys' Boarding Schools:	Nilamel and Perukada.
Girls' Boarding Schools:	Nilamel and Perukada.
Religious Training:	Perukada and Nagercoil.
Publications:	The Christian, C/o The Editor, Kalavoor

The Church of England Zenana Missionary Society

(C. E. Z. M. S.)

RELIGIOUS INSTITUTIONS.

Travancore and Cochin Mission, Trivandrum, opened 1862. Kottayam, opened 1882; Olesha, opened 1895; Trichur, opened 1881; Ernakulam, opened 1912.

EDUCATIONAL INSTITUTIONS.

1. Fort Girls' English Middle School, Trivandrum
2. Fort Girls' Mission Primary School, Trivandrum
3. Thirunakara Nair Girls' School, Kottayam
4. Thirunakara Girls' School, Kottayam
5. Olesha Primary Girls' School, Olesha
6. Chengalam Primary Girls' School, Olesha
7. Aymanom Primary Girls' School, Olesha
8. Kallemada Primary Girls' School, Olesha
9. C. E. Z. Primary School, Tripoonitura, Ernakulam

INDUSTRIES.

Chembagom Industrial School, Trichur, Mat-weaving and Basket Making.

The Orthodox (Jacobite) Syrian Church of Malabar.

History.—The Orthodox Syrian Church of Malabar, also called for historical reasons, Jacobite Church, is almost as old as Christianity itself, being founded by St. Thomas, one of the Apostles. In the fourth century Cnai Thoma, a Syrian merchant discovered these Christians and reported to the Catholicos of the East, whereupon he sent a colony of 400 Syrians to Malabar. These two communities got intermingled and came to be known as Syrian Christians. During the course of its long history it has suffered considerably owing to secessions and internecine quarrels. At present the Church is divided into two parties one of which restored in Malabar in 1088 M. E. the Catholicate of the East referred to above, which had long been vacant. The other party is directly under the Patriarch of Antioch, who resides now at Homs. Unfortunately the Patriarch and the Catholicos now don't recognise each other as such. Still it is hoped that sooner or later a reconciliation will be effected. The governing body of the Church is the Episcopal Synod and the Association Managing Committee.

The Orthodox Syrian Christians number about 450 thousand; they have eight Bishops four on the Patriarch's party and four on the other, about 300 priests and 500 churches.

RELIGIOUS INSTITUTIONS.

The Episcopal Synod: The Malankara Syrian Christian Association: The Association Managing Committee consisting of sixty members; 4 Theological Seminaries; 7 monasteries *viz*, Bethany Asram; Mt. Thabor, Pampady, Ebenezer, Manganam; Christu Sishya Asram, Coimbatore; Vettioal Deyara, Mulanthuruthi: R. M. A. S., Pampakuda; Convent of the Mt. Thabor Madam and Bethlehem Convent.

The Servants of the Cross, carrying on Evangelical work; The Martha Mariam Samajam for women; the Sunday School Samajam having over 400 Sunday Schools; The Guild of the Holy Innocents; The Medical Mission at Eraviperur and four Orphanages.

EDUCATIONAL INSTITUTIONS.

English High Schools 12. M. D. English High School, Kottayam; M. G. M. English High School, Tiruvella; Catholicate English High School. Pathanamthitta; M. G. D. High School, Kundara; St. Stephen's English High School, Pathanapuram; St. John's English High School Vadakara; M. S. M. English High School, Ranni; English High School, Kolencheri; English High School, Kurupumpady; Balikamadom English High School, Tiruvalla; Residential English High School, Sastamkotta, English High School, Kothamangalam.

English Middle Schools 21. Vernacular Schools—Catholicate V. H School and Vernacular Training School, Pathanamthitta; V. H. School, Thottakad; Catholicate Drawing School, Pathanamthitta; V. P. School over 100.

PRINTING PRESS.

St. Thomas Press, Kottayam; Bethany Press, Tiruvalla.
Magazine. The Orthodox Church.

THE ECCLESIASTICAL HEADS.

1. His Holiness Moran Mar Baselios Geevarghese II—Metropolitan of Malankara and Catholicos of the East.
2. The Most Rev. Kuriakos Mar Gregorios, Metropolitan of Kottayam.
3. The Most Rev. Geevarghese Mar Philoxenos M. A. B. D. Metropolitan of Thumpamon.
4. The Most Rev. Alexios Mar Theodosius O. I. C., Metropolitan of Quilon.
5. The Most Rev. Mar. Thoma Dionysius, Metropolitan of Niranam.

Syrian Christian Association

President. His Holiness Moran Mar Baselios Catholicos.
Secretary. Mr. A. M. Varki, M. A., B. L.

The Indian Pentecostal Church of God.

(*Established in* 1924)

Registered in British India.

An independent society in India, under the leadership of the Indian Ministers.

(The Pentecostal Church is a community of christians found in many parts of the world).

Motto of the Church: Evangalisation.

The spread and work of the Church:

Travancore, Cochin and British Malabar in Malayalam Area, Tinnevelly, Trichinopoly and Tanjore in Tamil Countries.

Krishna, Godaveri and Hyderabad in Telugu Area.
Mysore, S. Kanara, N. Kanara in Kanarese District.
U. P. Punjab and Rajaputtana in North India.

Churches : 210.
Missionaries (General Ministers) : 12.

The General Presbetry consists of the General Ministers and forms the Managing Body of the Church.

Workers 350.
Ordained Pastors 30.
Pastors in charge 75.
Number of adherents 21,000.
Schools.

(a) Bible Schools.
1. Hebron Bible Training School, Kumbanad. (Est. in 1930.)
2. Zion Bible School, Narzspore.
3. Bathel Bible School, New Delhi.
4. Salem Bible School, Pazhanji.
5. Bathel Bible School, Mangalore.

(b) Other Schools: Hebron Free English School, Kumbanad.

(A free institution for the education of poor students.)

Book Depot. The I P. C. Bible and Book Depot, Mavelikara. (Est. in 1938.)

Publications.
1. "Gospel Herald" in English. Editor, Pastor P. T. Chacko, B. D. Office : Ellore, W. Godavari District.
2. "Zion Trumpet" in Malayalam. Editor, Pastor K. E. Abraham. Office: Kumbanad, Travancore.
3. "The Gospel Messenger" in Kanarese. Editor, Pastor K. C. Cheriyan. Office: Mangalore, S Kanara.
4. "The Gospel Trumpet" in Tamil. Editor, Pastor K. S. D. John. Office: Tanjore.
5. "The Gospel Illuminator" in Telugu. Editor, Pastor P. M. Samuel, Office: Bezwada.

Senior Missionary Pastor—K. E. Abraham.

"HEBRON" Kumbanad, Thiruvalla.

The Holy Angel's Institute

Thrikakara,

P. O. Kalamanhery, A. O. Edappally

ALWAYE.

The institution was started in 1925 by H. E. Dr. Angel Mary, the then Archbishop of Verapoly whose name it bears. It is mainly devoted to charitable works and stands in the centre of an estate of 300 acres of rubber, cashewnut and other produce. The institute runs an orphanage of 50 boys, a weaving school of 10 looms at present and a primary school. There is also an industrial department where boys are taught weaving, carpentry, masonary, tailoring, smithy and leather crafts. Cow and poultry farming are its other activities.

Over 100 persons find means for livelihood through the Institute. H. E. Dr. Joseph Attipetty, Ph D, D. D., Archbishop of Verapoly is the Proprietor and the Administrative head of the institute. Rev. Fr Paul Manakil is the present manager and is assisted by the Brothers of Saint Teresa who have their mother house here.

The Kerala Hindu Mission.

(Registered in 1109 under Section 26 of the Travancore Companies Act I of 1092.)

Head Office : TRIVANDRUM.

Share Capital 2 lakhs, divided into 1,00,000 shares at Rs. 2 each.

The objects of the Mission may be classified mainly under 4 heads : viz. (i) Spread of Hindu Dharma, (ii) Hindu Consolidation, (iii) Uplift of Backward Communities and (iv) giving facilities for those of other faiths to come into the Hindu fold. Under the new scheme of 1117, Travancore is divided into 4 Districts with 180 centres in all, each Taluk having, on an average, 6 centres, with as many Pradesika Sabhas as possible. A Pradesika Samithy composed of 5 to 11 elected share-holders representing the various sections of the Hindu Community of the place is in charge of the Mission work within the Sabha's jurisdiction. Including representatives of the Pradesika Samithies the Taluk Samithy of 11 to 15 members similarly constituted is responsible for the work within the Taluk. The District Samithy of the same strength and constitution will supervise the entire work of the Mission within the District. A Pracharaka is posted to each centre, an Organiser to each Taluk and an Inspector to each District for carrying on the work of the centre, Taluk and District under the guidance of the Pradesika Samithy, Taluk Samithy and District Samithy respectively. A Bhajana Organiser has also been appointed in each District for teaching music, Bhajana, Tiruvathirakali etc. Each of these samithies now possesses almost autonomous powers in the internal management of Mission affairs within its jurisdiction.

In order to bring about consolidation of the Hindu Community, representatives of the several sections of the Hindu Community have been taken into the Central Board of Management of the Mission which consists of 31 members. This Central Board has delegated some of its powers to an Executive Committee to look after the routine work of the Mission.

This Committee is composed of the following 7 members : –

Dewan Bahadur Rajyasevadhurandhara V. S. Subramonia Iyer, (Retired Dewan of Travancore) President.
Mr. N. Kumaran (Retired High Court Judge) Vice-President.
Mr. C. K. Nagan Pillai, (Retired Anchal Superintendent) General Secretary.
Mr. E. S. Easwaramoorthia Pillai, Treasurer.

Other members :—

Rao Sahib Mahakavi Ullur S. Parameswara Iyer (Retired Dewan Peishkar).
Mr. Mannath Padmanabha Pillai.
Mr. P. Kunjukrishnan, Advocate and M. L. A.

The Mission is holding meetings and conferences to spread its ideals among the masses, is conducting religious classes in the various centres, is carrying on propaganda in favour of the removal of differences based on caste and in general for the spread of the principles underlying the Royal Proclamation on Temple Entry. Harijan pupils and students in schools and colleges are helped with funds for buying text books. Some Day and Night Schools are being conducted, free treatment through Ayurvedic and Homeo Dispensaries is provided and such cottage industries as weaving, bee-keeping, poultry farming, basket and mat-making and refined jaggery preparation are established. Some Colonies for housing the homeless, Rural Demonstration Centres, and Child-Welfare centres have also been opened. Mission also conducts Malayalam and Tamil Primary Schools, Malayalam and English Middle Schools and an Ayurvedic Hospital.

ECCLESIASTICAL HEADS.

I. Church of England.

Bishop—The Rt. Rev. C. B. Corfield M. A. . Kottayam.

II. Roman Catholic Church.

(1) Latin-rite.

The Most Rev. Joseph Attipetty Ph. D., D. D., Archbishop of Verapoly and Metropolitan. . Ernakulam.

The Rt. Rev. Roches Aguiswami, S. J., D. D., Bishop of Kottar . Nagercoil.

" Bonaventure Arana. O. C. D., Bishop of Vijayapuram . Kottayam.

" Abilio A. V. Das Neves, Bishop of Cochin Br. Cochin

" Vincent Dereere, O. C. D., Bishop of Trivandrum . Trivandrum.

" Dr. Jerome Fernandez . Quilon.

(2) Syrian-rite.

(a) *Syro-Malabar-rite.*

The Most Rev. Mar Augustine Kandathil D. D., Archbishop of Ernakulam . Ernakulam.

Suffragans:

The Rt. Rev. Mar Alexander Chulaparambil D. D., Bishop of Kottayam . Kottayam.

" Mar Francis Vazhapilly D. D, Bishop of Trichur . Trichur.

" Mar James Kalacherry, Ph. D., D. D., Bishop of Changanacherry . Changanacherry

(b) *Syryo-Malankara Rite.*

The Most Rev. Mar Ivanios, M. A., D. D., Metropolitan Archbishop of Trivandrum . Trivandrum

Suffragans:

The Rt. Rev. Mar Teophilos, D. D., Bishop of Tiruvalla . Tiruvalla.

" Joseph Mar Severios B. A. . Administrator, Tiruvalla . Tiruvalla.

Thoma Mar Dioscoros . Trivandrum.

III. Syrian Church.

(1) Jacobite.

(a) Orthodox (Jacobite) Syrian.

His Holiness Moran Mar Baselios Geevarghese II, Catholicoa of the East, and the Malankara Metropolitan	.	Kottayam
The Most Rev. Kuriakose Mar Gregorios, Metropolitan of Kottayam Diocese,	.	Kottayam.
" Geevergese Mar Philoxenos M. A., B. D. Metropolitan of Thumpamon Diocese	.	Pathanamthitta
" Alexius Mar Theodosius, Metropolitan of Quilon Diocese	.	Kundara.
" Thomas Mar Dionysius, Metropolitan of Niranam, Parumala	.	Tiruvalla
" Augen Mar Thimothiose, Metropolitan of Kandanad Diocese	.	Muvattupuzha

(b) Jacobite Syrian.

The Most Rev. Pauloae Mar Athanasius, Malankara Metropolitan and Metropolitan of Ankamali and Cochin Dioceses	.	Alwaye.
" Michael Mar Dionysius, Metropolitan of Kottayam, Niranam, Thumpaman and Quilon Dioceses	.	Kottayam.
" Elias Mar Julius Metropolitan, Delegate to the See of Antioch, Manjinikara	.	Omalloor

(2) Mar Thoma.

The Most Rev. Titus Mar Thoma, Metropolitan of Malabar.
The Rt. Rev. Abraham Mar Thoma, M. A., D. D., Suffragan Metropolitan.
The Rt. Rev. Johannan Mar Timotheus B. A., B. D. S.T.M.
The Rt. Rev. Mathews Mar Athanasius B. A., L. T.

TRIVANDRUM PUBL

CLUBS AND ASSOCIATIONS

THE SRI MULAM CLUB.
Trivandrum.

This is the premier club in the State. It was started more than fifty two years ago under the name of Sri Mulam Rama Varma Union Club and under the patronage of the late Sri Mulam Tirunal Maharaja. Until recently, the membership of the club was very small and the amenities provided were rather meagre and restricted. On the eve of the Golden Jubilee, the President and some of the members made strenuous efforts for improving the club in every way. As the result of their efforts which were remarkably successful, the club has now acquired an attractive new building providing a well-furnished lounge, a reading room and library and a women's and children's section. The number of members is now nearly 300 including about 20 Life Members. The Dewan Sachivottama Sir C. P. Ramaswami Aiyar laid the foundation stone of the new building on the 6th of July 1939 and he signalised the occasion by becoming the first Life Member. His Highness the Maharaja was graciously pleased to preside over the opening ceremony of the new building on the 14th September 1940. Their Highnesses the Maharaja and Maharani Setu Parvati Bayi are the Patron and the Vice-Patron of the Club. The rules of the club were thoroughly revised and its name was shortened into "the Sri Mulam Club." The Golden Jubilee was celebrated on the 30th October 1940 under the Chairmanship of Sir Lionel Leach, Chief Justice of the Madras High Court.

The entrance fee for membership is Rs. 7 and the monthly subscription, Rs. 2. The wives and other female dependants of members are admitted without entrance fee and on payment of a monthly subscription of Re. 1. There is also provision for temporary and non-resident membership. Life Membership involves a donation of Rs. 500. The affairs of the Club are managed by an Executive Committee consisting of the following members for 1118 M. E. (August 1942—July 1943.)

President :	Rajyasevapravina C. V. Chandrasekharan.
Secretaries :	Mr. S. Chidambaram Mr. K. G. Kunjukrishna Pillai.
Treasurer :	Rajyasevapravina M. K. Nilakanta Aiyar.
Members :	Mr. R. Ananda Rao. Mr. K. C. Abraham. Mr. S. Chattanatha Karayalar. Mr. M. Govinda Pillai. Rajyasevanirata Dr. C. O. Karunakaran. Rajyasevapravina G. Parameswaran Pillai. Mr. S. Ramachandra. Mr. Taikad N. Subramania Aiyar.

The Nagercoil Club. (S. M. R. V. Club)

(*Established in* 1889.)

The Club was opened in 1890 by His Highness the late Sri Mulam Tirunal who was graciously pleased to become the Patron of the Club and gave a donation of Rs. 300 towards the building fund.

Members. There are at present 70 members.

Honorary members 4, Life members 3, Resident members 34, Non-resident members 9 and Library members 20.

Terms of membership. Life member B.Rs. 100. Tennis member B.Rs. 2 per month. Resident member B.Re. 1 per month. Non-resident member annas 8 per month. Library member annae 8 per month.

Office-bearers.

Honorary Secretaries.	Mr. D. Y. Henry, B. A., L. T.
	Mr. T. V Ramasubba Aiyar.
Treasurer.	Mr. S. Sthanunatha Aiyar.
Committee Members.	Mr. T. K. Narayana Iyer, M. A., L. T.
	Mr S. Thiraviam Nadar B. A., B.L.
	Mr. V. S Ramaswamy.
	Mr. K. Sundareswara Iyer.

Library and free reading room is open to the public from 9-30 A. M. to 12-30 A. M. and from 4-30 P. M. to 9-30 P. M. The number of readers recorded in the year 1117 is 19,800. The total number of books in English, Tamil and Malayalam ie about 2800. The Library gets a grant from Government. Government publicatione are eupplied free.

Games. Tennis, Tenniocit, Badminton, Bagetelle, Carroms, Ping-pong, Chess, Contract bridge are the chief among the out-door and indoor games.

Quilon Club, Quilon.

Honorary Secretary. Mr. W. D. Harrison.

Managed by a Committee of four resident and two out-station members.

Affiliated Clubs.

Alleppey	Malabar
Anamallay	Mundakayam
Cochin	Palamcottah
Coimbatore	Peermade
Coonoor	Trichinopoly
High Range	Trivandrum
Kottagiri	Tutioorin
Madura	Vandiperiyar

Residential Club. Single and Married Quarters.

Trivandrum Club, Trivandrum.

Patron.

His Highness the Maharaja of Travancore.

Vice-Patrons.

Lt. Col. G. P. Murphy, Resident, Madras States, Travancore.
Sachivottama Sir C. P. Ramaswami Aiyar, K. C. S. I., K. C. I. E., LL. D., Dewan of Travancore.

President: Mr. R. J. A. Moore.
Honorary Secretary: Mr. E. G. Salter.

The Trivandrum Club is a social Clnb, which has been in existence for over sixty yeare. It is situated on the east of the Vellayambalam-Residency Road. The Club building comprises, in addition to a large verandah, a dining room, billiard room, bar and office on the ground floor, two bed rooms and a card room on the first floor. There are two tennis courts and open garage accommodation. The Club is fitted with electric lights and fans.

Apart from special cases, membership depends upon election by ballot. It is open to ladies aleo, the total membership being at present approximately 60. The entrance subscription is Rs. 50, payable in two equal instalments. The monthly subscription for ordinary members is Rs. 12, though a lower rate applies to members of certain missionary associations. The annual subscription for out-station members is Rs. 15. On application to the Honorary Secretary, temporary visitors may be admitted at the rate of Re. 1 for each day on which they are resident in Trivandrum, with a maximum subscription of Rs. 12 a month.

Members of affiliated Clubs who are not resident in Trivandrum pay no subscription and have the benefit of the use of the Club when visiting the capital of the State. The Club is affiliated to the Alleppey, Cannanore, Cochin, Coimbatore, Coonoor, High Range, Kaltburitty Valley, Kottagiri, Malabar, Mundakayam, Palamcottah, Peermade, Quilon, Tellicherry, Trichinopoly, Tuticorin, Vandiperiyar and Wellington Gymkhana Clubs, which afford the members of this Club reciprocal advantages.

The management of the Club is carried on by the President and a committee of five other members, of whom one is the Honorary Secretary and one an out-station member. The Committee is elected at the Annual General Meeting, when the members also scrutinise and pass the audited balance sheet and accounts.

The Kanan Devan Hills club.

MUNNAR, P. O.,
Travancore.

Patron : E. H. Francis Esq.
President : E. H. Francis Esq. } Ex- Officio-

The following are the office bearers for the Season 1942/43.

Chairman.	P. M. Edward Esq.
Honorary General Secretary.	A. T. Paul Esq.
Honorary Treasurer :	J. S, Martin Esq.
Honorary Sports Secretary :	A. R. Dawson Esq.
Committee Members ,	Y. Paul Raj Esq.
	H. Devaram Esq.
	A. G. Daniel Esq.
	R. Narayana Pillay Esq.
	Dr. E. N. Thumby.
Auditor :	P. Daniel Esq.

Under the Patronage of the K. D. H. P. Co., Ltd., the above Club, an ideal one, is the centre for promoting healthy comradeship. The Library with its periodicals and the Radio section. cater to the intellectual needs. Physical activities both indoor and out-door provide ample facilities for exercise and recreation. Cricket. Billiards, and Fleece add prestige to the Club. If rooms are available non-members can board or lodge in the Club.

Society for the Prevention of Cruelty to Animals, Trivandrum.

(*Established 1904.*)

Office Head Quarters : In the S.P.C.A. Animal Hospital premises near the Engineering College, Trivandrum.

Patron: His Highness the Maharaja.
President : Lieut. Col. G. P. Murphy, Resident, Madras States.
Vice-President : Rao Sahib Udarasiromani T. Padmanabha Rao.
Honorary Attorney : Mr. M. K. Govinda Pillai, B. A., B. L., Advocate, Trivandrum.
Honorary Secretary : Dr. D. Jeevanayagom, M.A.Ph.D., Ag. Principal, Training College, Trivandrum.

Constitution and Aims. The work of the Society is conducted by an executive committee of 12 members. The Society, which consists of sixteen Life members and several Ordinary Members maintains itself, by a generous contribution from His Highness the Maharaja, by some Government grants, voluntary subscriptions, and donations and the income from Endowments. The present activities consist of educative propaganda by means of a Prize Essay Competition, open to School pupils, through lectures, leaflets and newspapers, and through an annual Animal Show at which prizes and

certificates are awarded. The Society also provides 14 water troughs throughout the City and other road-side services. On the punitive side it prosecutes and warns those who are detected in acts of cruelty to animals, and does everything calculated to engender a spirit of kindness towards animals and elevate the character of man.

In March 1938 His Highness the Elaya Raja opened "The Sachivottama Sir C. P. Ramaswamy Aiyar S.P.C.A. Animal Hospital" situated near the Engineering College. This institution affords free treatment for the animals of the poor which are ill or wounded.

The Trivandrum Friend-in-Need Society.

(Instituted in 1893.)

Patron: His Highness the Maharaja.
President: Lieut. Col. G. P. Murphy, (Resident for the Madras States)
Vice-President: Chevalier Rao Bahadur A. M. Mutunayagam, K. S. G.
Honorary Secretary and Treasurer: Mr A. Gunamony M. A. M. L.

Members of Committee.

Mr. G. Alexander B. A.
Mr. K. C Abraham B. A., B. L.
Mr. S. N. Ure M. A.
Mr. K. K. Lukose B. A., B. L.
Mr. C. O. Madhavan B. A., B. L.
Mr. S. K. Mahadeva Iyer, B. A., B. L.
Rao Sahib Udarasiromani T. Padmanabha Rao F. R. S. A.
Very Rev. Fr. Paul O. D. O.
Dr. Koshi Palskunnath, L. M. S., M. G. C. D. S.
Rao Sahib Mahakavi Ulloor S. Parameswara Aiyar, M. A., B. L.
Rao Bahadur Dr. K. Raman Tampi M. D.
Miss (Dr.) A. T. Martin, L.R. C. P. & S;

Constitution and Aims. The work of the Society is carried on by a General Committee consisting of the President, the Vice-President, and the Honorary Secretary and Treasurer of the Society and twelve Members.

The objects for which the Society was organised are—

(1) the relief of the deserving poor;
(2) the encouragement of industrious habits among the indigent classes and
(3) the suppression of mendicity.

The Society helps deserving destitute people, without distinction of caste creed or colour, by means of small *monthly pensions* or *temporary help*, of small sums of money.

The Society maintains itself, mainly, by means of a monthly subscription from His Highness the Maharaja and of voluntary monthly and annual subscriptions and donations, and of the interest on a "Permanent Endowment." The annual minimum Membership subscription is only five rupees.

The Travancore Boy Scouts Association.

The Travancore Boy Scouts Association was inaugurated at a public meeting convened by the Government in November 1926 and has since been making continuous progress in number and efficiency. The headquarters of the Association draws its main financial support from Government who contribute an annual grant of five thousand rupees. It owns a Central Permanent Camp site (named Sri Chitra Scout Training and Camping Centre) with four Patrol sheds, a muster-hall and kitchen, in an extensive compound near the Kaudiar Palace. Boy Scouts and Scouters of Trivandrum are using the camp-site for week-end meetings and instructions. The office of the Headquarters of the Association is located inside the city for convenience of business.

There are nine Districts under its jurisdiction and a District Commissioner assisted by Assistant District Commissioners, administers Scouting in each District. The Association has now 210 units (145 Scout Troops, 12 Rover Crews and 53 Cub Packs) and 376 Scout Officers. Thirty five Training Camps for the benefit of Scoutmasters have been run under its auspices.

An All-State Rally of Boy Scouts, Rover Scouts and Cubs is held every year at the time of the Birthday of His Highness the Elaya Raja (who is the Chief Scout of the State) and it proves to be an interesting show.

Supported by the Government and by the public, the Association was able to send a contingent of 20 Scouts from the State to participate in the All-India Jamboree held at Delhi in February 1937; and the Travancore Contingent acquitted itself well and drew much appreciative notice.

In September 1937, the whole Movement was re-organised and placed on a completely autonomous footing under the control and guidance of His Highness the Maharaja as its Patron and under the management of officers nominated by him or appointed under Rules framed under his commands. In 1939 the Association has been re-affiliated to the All-India Association in view of the latter having dissociated itself from the Imperial Head-quarters and affiliated itself as an independent National Unit to the Inter-national Bureau.

The Chief Executive head of the movement is the Chief Commissioner (now Sachivottama Sir C. P. Ramaswami Aiyar, K. C. S. I., K. C. I. E., LL. D.) and he is assisted by the chairman of the Executive Committee and two Deputy Chief Commissioners and an Organising Commissioner.

Patron: His Highness the Maharaja of Travancore.

Chief Scout: His Highness the Elaya Raja of Travancore

Headquarters Officers.

Chief Commissioner and President of the Association: Sachivottama Sir C. P. Ramaswami Aiyar K. C. S. I., K. C. I. E., LL. D.

Chairman of the Executive Committee: Mr. A. Gopala Menon, M. A., B. Com.

Deputy Chief Commissioner: Mr. A. N. Tampi, B. A., Barrister-at-Law.

Deputy Chief Commissioner for Training: Mr. P. S. Narayanaswami, B. A., L. T.

Honorary Treasurer: Mr. S. Chattanatha Kasrayalar, M. A., B. L.

State Organising Commissioner: Mr. K. R. Ramabhadran.

District Commissioners

District Commissioner, Nagercoil:		Mr. D. Arumanayakom (Assistant District Commissioner, in charge.)
,,	,, *Trivandrum*:	Rev. H. C. Lefever, B. D., Ph. D. (On leave.)
		Mr. P. S. Narayanaswami, B. A., L. T., Deputy Chief Commissioner for Training in charge.
	Quilon:	Mr. C. T. Thomas, B. A., L. T.,
,,	,, *Mavelikara*:	Mr. C. M. Joseph, B. A., L. T.
	Alleppey:	Mr. K. Parthasarathy, B. A., B. L.
,,	,, *Tiruvalla*:	Rev. T. M. Mathai.
,,	,, *Kottayam*:	Vacant.
,,	,, *Munnar*:	Mr. Thomas John, M. A., B. D.
,,	,, *Alwaye*:	Mr. K. V. Nayar (Assistant District Commissioner in charge).

Other members of the State Scout Council.

Mr. Malloor K. Govinda Pillai
Mr. Joseph Thaliath
Dr. D. S. Hatch
Mr. Puthupalli S. Krishna Pillai
Dr. K. L. Moudgill
Mr. C. O. Madhavan
Rao Sahib Udsrasiromani T. Padmanabha Rao
Mr. K. P. Psdmanabha Pillai
Rao Sahib Mahskavi S. Parameswara Aiyar
Rajiyasevaprsvina C. V. Chandrasekharan
Rao Bshadur Dr. K. Rsman Tampi
Rev. Fr. Romeo Thomas
Mr. R. Srinivssan
Mr. A. Ssnkara Pillsi
Dewan Bahadur Rajyasevadhurandhara V. S. Subramonia Aiyar.
Mr. V. Sundararaja Naidu
Mr. A. M. Varki
Captain V. Padmanabhan Tampi
Mr. A. V. Thomas
Mr. N. K. S. Krishnaswami Karayalsr, President, Municipal Council, Shencotta.
Fr. Paul A. George Do. Do. Parur
Mr. P. G. Sahasranama Iyer
Mr. K. Sankarasubbs Aiyar
Mr. E. H. Francis
Mr. M. Dsmodaran Pillai
Mr. A. Narayanan Nair
Mr. C. Ganapathy Iyer, Representative, Nagercoil Local Scout Association
Mr. S. W. Fletcher Do. Do. Do.
Mr. N. Raman Namboodiripad, Representative, Local Scout Association, Attingal
Mr. M. R. Gopala Pillai Do. Do. Do (Life Member.)
Mr. T. J. Chandy. Do. Do. Mavelikkara
Mr. C. Srinivasan Pillai Do. Do. Do.
Mr. C. B. Sontar Do. Do. Munnar
Mr. C. T. Cheriyan Do. Do. Tiruvalla
Mr. C. G. Varghese Do. Do. Do.
Rev. Jacob. Do. Do. Marthandum
Mr. N. P. Knrup Do. Do. Do.
Mr. P. E. Raman Menon, President, Local Association, Parur.
Mr. T. V. Krishna Aiyar. Nagercoil.
Mr. M. Velu Pillai, Personal Assistant to the Director of Public Instruction.
Mr. C. S. Balakrishna Warriyar, Retired Divisional Inspector of Schools, Trivandrum
Mr. P. S. Sivaswami Iyer, Divisional Inspector of Schools. Do.
Mr. Mammen Mathai Do. Thiruvalla
Dr. D. Jivanayakom
Mr. E. I. Chacko

The Travancore Athletic Association.

Patron-in-Chief : His Highness the Maharaja.

Patrons— Lieut. Col. G. P. Murphy.
Lieut. Col. Goda Varma Raja.
Sachivottama Sir C. P. Ramaswami Aiyar, K. C. S. I. K. C. I. E., LL. D.,

President.—Mr. M. K. Govinda Pillai, B. A. B. L.

Vice-Presidents.—Rao Bahadur Dr. K. Raman Tampi, M. D.
Mr. A. Gopala Menon M.A., B.Com.
Dr. K. L. Moudgill M. A., D. SC., F. I. C.
Mr. A. N. Tampi. B. A., Barrister-at-Law.
Rev. Fr. Engelbert.
Captain V. P. Tampi.

Honorary Secretaries: Mr. S. P. Parameswaran Pillai, B. A., B. L., Barrister-at-Law
Mr. P. R. C. Nayar, B. A.,

This Association was started in 1925. It receives grant from the Government.

Annual subscription for ordinary members: B: Rs. 3 only.
Fee for life members B. Rs. 50 only.

The Travancore Registering Officers' Association.

(*Established in 1937*)

The objects of the Association are to advance the moral, material and social welfare of its members, to protect and promote their common interests, to secure a greater contact and *esprit de corps* among the members, to co-operate with sister Associations and to do all other lawful thinga as are conducive or incidental to the attainment of the above objects.

President: Mr. F. T. Rodrigruz.

Secretaries: Mr. C. V. Lekshmanan.
Mr. P. Subramonia Aiyar, B. A., B. L.

Treasurer: Mr. C. M. Jacob, B. A., B. L.

Executive Committee:
Mr. P. R. Chamukutty Menon, B. A.
,, K. P. Thomas, B. A.
,, M. R Keralavarma Raja.
,, K. Raghavan Pillai, B. A.
,, G. Sivasankara Pillai, B. A.
,, A. Abdul Kadir Sahib.
,, P. Kunjukrishnan Nadar, B. A.
,, T. G. Subbuawamy Iyer, B. A., B. L
,, S. Balakrishna Wariar, B. A.
,, V. N. Ananthakrishna Iyer, B. A., B. L.
Srimati K. G. Bhagavathy Amma, B. A.
Srimati G. Bharathy Amma, B. A.

Working Committee:
President:
Secretaries: } Ex-officio.
Treasurer:
Mr. M. R. Kerala Varma Raja.
,, G. Sivasankara Pillai, B. A.,
,, T. G. Subbuswamy Iyer, B A., B. L.,
,, S. Balakrishna Wariar, B. A.

The Travancore War Service Men's Association, Trivandrum.

Patron. Lieut. Col. G. P. Murphy, Resident for the Madras States.

Managing Council.

President: Captain S. Christian, L. M. S.

Vice-President: Mr. E. I. Chacko, B. A., B. L.,
,, M. R. Narayana Pillai, Barrister-at-Law.

Members: ,, C. Xavier.
,, N. S. Kunjukrishana Pillai.
,, Ninan Koshy.
,, Syed Mahommed Sahib.
,, P. Krishna Pillai.

Honorary Joint Secretaries: ,, C. M. Velayudhan Pillai.
,, S. David B. A.

Honorary Legal Adviser: ,, M. R. Narayana Pillai, Barrister-at-Law.

Honorary Treasurer: ,, C. M. Velayudhan Pillai.

The Association, formed in July 1925, was, from June 1928, entrusted by the Government of Travancore, with the official functions formerly performed by the Travancore Soldiers' Committee, in matters relating to the Indian Soldier—past and present—in Travancore. The Association is affiliated to the Ex-Services Association of India and Burmah, of which His Excellency the Viceroy is the Patron and as member of the British Empire Service League, of which His Majesty the King Emperor is the Patron-in-Chief. It has been recognised also as District Soldiers' Board for Travancore under the Indian Soldiers' Board of the Government of India. The Association has a Land Colony for Ex-Service men at Palode, Nedumangad Taluk, which is meant also to serve as model to other such land colonies.

The Travancore Coir Mats and Matting Manufacturers' Association.

The Travancore Coir Mats and Matting Manufacturers' Association was formed on the 17th April 1940 and incorporated under Section 25 of the Travancore Companies Act, IX of 1114, under Government License.

Objects. To promote, support and protect the character, status and interests of manufacturers of coir products, to define the customs and usages of such trade, and to make rules and regulations conducive to the promotion of just and honourable practices therein and to initiate and promote organisation of the industry.

Membership is open to all individuals, firms, partnerships, companies corporations established in Travancore, Cochin or Malabar and are *bona fide* engaged in the manufacture of coir floor coverings, coir ropes or any other class of coir goods.

Entrance fee Rs. 25.
Subscription Rs. 5 per mensem.

MEMBERS OF THE ASSOCIATION.

E. T. Adima & Sons, The Alleppey Co., Ltd., Aspinwall & Co. (Travancore) Ltd., The Bombay Co., Ltd., E. Bout & Co., Callaghan's Coir Works, Charankattu Coir Manufacturing Co., Coir Floor Furnishing Co., The Coir Yarn & Textiles Ltd., The Commercial Emporium, Darrah Smail & Co., Ltd., Eastern Produce Co., The Empire Coir Works, K. S. Gangadhara Iyer & Co., The General Supplies Agency, C. George Peter, Wm. Goodacre & Sons., Ltd., The Indian Coir Manufacturing Co., The Kerala Coir Manufacturing Co., Madura Co., Ltd., The Modern Agency, Morris Narielwalla & Co., Peirce Leslie & Co., Ltd., S. Pitchu Iyer & Sons, Ltd., The Royal United Cane Factories Ltd., S. K. V. Industrial Works, Vaikom Coir Works.

THE COMMITTEE.

The business of the Association is managed by a Committee consisting of 12 Members.

Committee for 1942/43.

President: Mr. E. L. Pollard.

Vice-President: Mr. M. L. Janardhana Pillay.

Mr. L. S. Dass
,, K. C. Karunakaran, B. A., B. Com (Birm.) M. L. A.
,, Khatawo Khimjee
,, R. C. H. May
,, J. B. Neal
,, N. Sankara Mannar, B. A.
,, H. Smith
,, T. R. Subramonia Iyer
,, K. G. Thomas
,, D. S. Thompson.

Secretary: Mr. R. Krishna Aiyar, B. A., B. L.

Registered Office. Alleppey, Travancore, South India.

Sri Mula Rama Varma Association, Karamanai, Trivandrum.

(Founded 21st April 1888 A. D.)

President: Justice Mr. K. Sankarasubba Aiyar, B. A., B. L.
Vice-President: Mr. A. Chidambara Iyer, B. A., B. L.
Honorary Secretary and Treasurer: Mr. L. Subramonia Iyer, B. A.,
Assistant Secretary: Mr. K. Sundaram Aiyar, B. A., L. T.,
Librarian: Mr. N. Harihara Aiyar
Committee Members: Mr. N. Sankara Iyer, M. A., B. L.,
,, P. Narayana Iyer.
,, K. R. Subramonia Iyer.

Free Reading Room open every day from 6 a. m. to 10 a. m. and 5 p. m. to 8 p. m.

The Association, established on the 21st April 1888 A. D., which celebrated its Golden Jubilee in February 1939, is one of the most long standing institutions of the kind in the State. It is housed in a building of its own. The free Reading Room attached to it is being most profitably utilised by the public irrespective of caste or creed. It is kept open every day, both morning and evening and is supplied with Daily News Papers and Periodicals in English, Malayalam and Tamil. There is also a Library containing books in English as well as in Malayalam, Sanskrit, Tamil, and Hindi. The number of books at present is 3400 and every year the number is being increased out of the receipts of the Association and the Government grant. The development of culture is the main object of the Association and Histrionic Art is one of the subjects receiving special attention. These aims and objects of the Association are attained through lectures, essays, debates and dramatic performances.

Visit Travancore

THE TRAVANCORE

STATE TRANSPORT DEPARTMENT

Operates Regular Daily Passenger Bus Service on the following routes:

TRIVANDRUM-QUILON
TRIVANDRUM-NAGERCOIL
TRIVANDRUM-KOTTAYAM
TRIVANDRUM-COLACHEL
TRIVANDRUM-NEDUMANGAD
TRIVANDRUM-VIZHINJAM
NAGERCOIL-CAPE COMORIN
NAGERCOIL-ANJUGRAMOM
NAGERCOIL-COLACHEL
NAGERCOIL-AZHAKIAPANDIPURAM
QUILON-KOTTAYAM
QUILON-SHENKOTTAH

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The Land's End of India
Where the Three Big Oceans meet.

Comfortable seating arrangements

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TRAVANCORE GOVERNMENT

CERAMIC INDUSTRIES

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Have pleasure in announcing that their show rooms at Kundara where exquisite decorative China ware for the modern drawing rooms, flower vases and statuettes in porcelain are on show, are open to public every day. All the exhibits are for sale. The concerns are situated on the Ashtamudi lake in a delightful locality and well worth a visit.

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ELECTRICAL
INSULATORS
OF ALL TYPES
LABORATORY
PORCELAIN,
CRUCIBLES, BASINS,
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and various other items
SANITARY WARES,
DRAINAGE PIPES &
REFRACTORIES FOR
IRON & STEEL WORKS

FIRE BRICKS, SILLIMANITE BRICKS, ZIRCON BRICKS,
FIRE CLAY AND FIRE CEMENT.

Young Women's Christian Association.

The Association in Trivandrum was started in August 1917 when a group of Christian women met in the Town Hall to consider the needs of the women of the town and to decide how best to help them. The Young Women's Christian Association which unites women of all nationalities, castes and creeds, for service, and spiritual, intellectual, physical and social development, seemed exactly what was needed in Trivandrum, and a branch was started with a strong committee and about 100 members.

The first President of the Association was Mrs. Arthur Parker. When she retired, her place was taken by Dr. Mrs. Poonen Lukose who still continues to hold that office and gives her service and time unsparingly to promote the welfare of the members.

A Hostel is run for students of all castes and creeds. A property was bought in 1922 by money given by the National Y. W. C. A. and the present Hostel building was completed in 1929. It was formally opened by Lady Irwin on 8th December 1929. At present there are sixty five students, four teachers and a few non-students resident in the Hostel, which has a staff of two Secretaries and a Matron.

The Association developed on broad lines and its four-fold purpose has been interpreted in the fullest sense. The regular religions meetings, clubs, games, excursions, camps, conferences, and social gatherings of all kinds meet the needs of the members.

The Association has shown very keen interest in social work. Visits to the patients in the Hospitals, Reformatory School, women in jail, and health work are the chief undertakings. In 1929, the Association opened a Health and Welfare Centre, the first of its kind in Trivandrum, and still runs it most effectively. There is a trained Secretary and a trained Midwife in charge of the work. In November 1939, a Nursery Class was started for the poor Children of the centre under the supervision of a trained teacher.

Miss Nina T. Breutnall was the first General Secretary of the Association and she gave her valuable service for 16 years. On her retirement, her place was taken by Miss S. Mathew. Miss Marian Chacko and Miss. Aley Vergis in succession. At present Miss. S. Poonnen acts as General Secretary. Miss Mathew who had made Ernakulam her headquarters for the District work, has returned to Trivandrum making it her present Head-quarters.

The Association work is supported by the public. The Hostel gets an annual maintenance grant from the University. A building grant was received from the Government for the Hostel building. The Welfare Centre gets a grant from the Health Department and from the Corporation.

The Association first started at Trivandrum has grown and branches have been opened in most of the towns and villages in the State, and all these branches are affiliated to the World's Y. W. C. A. through the National Y. W. C. A. Annual conferences are held to bring all these members of the various branches together. The last one was held here in Trivandrum from 24th to 28th August 1942, when 90 delegates represented 22 branches.

The Ananta Lodge T. S. Trivandrum.

President : Mr. R. Srinivasan.
Vice-President : Rao Sabib Mahakavi Ulloor S. Parameswara Aiyar.
Secretary . Mr. N. Kesavan Tampi
Treasurer : Mr. R. Ananda Rao.
Other Members of Managing Committee :
Mr. N. B. Parameswara Iyer
Mr. G. Padmanabha Pillai.
Mr. S. Venkatachalam Aiyar.

The Ananta Lodge, which was established in July 1883, is the Trivandrum branch of the Theosophical Society, the objects of which are (1) to form a nucleus of universal brotherhood of humanity without distinction of race, creed, sex, caste or colour ; (2) to encourage the study of comparative religion science, philosophy and art ; and (3) to investigate the unexplained laws of nature and the powers latent in man.

The Lodge seeks to carry out these objects by practical, educational, social and religious work. Study classes in Theosophy are held every Sunday morning and public meetings to expound the principles of Theosophy and comparative religion are organised from time to time. Music performances *Kathakaleshapams* and other art activities are held under its auspices. The Lodge seeks to encourage all movements leading to greater understanding and harmony in life. It maintains a library and reading room. A Youth Lodge of the Theosophical Society, for persons under 30 years of age, is attached to the Ananta Lodge.

The All Travancore Hindu Mahasabha, Kottayam.

Registered on *10th February, 1939.* / *28th Makaram 1114.*

The All Travancore Hindu Mahasabha is a registered organisation of Hindus working for the consolidation and uplift of the entire Hindu community, irrespective of caste, in furtherance of the ideals envisaged by the Great Temple Entry Proclamation. Its registered office is at Kottayam.

The unit in the Mahasabha's organisation is the local 'Sakha Sabha' of each Kara. Every adult Hindu who pays an annual fee of chs. 7 (seven) can become a member of the 'Sakha Sabha' which is governed by a Committee of 15 members. For every 25 members of the Sakha, the Sakha has a right to send a delegate to the Mahasabha annual general meeting. The Mahasabha's annual general meeting is a body composed of the delegates of the Sakha Sabha and the Directors. The Mahasabha is governed by a board of Directors not exceeding 25, elected by the general meeting from its members. For the efficient supervision of the branches, the entire State is now divided into 5 Unions with Union offices at Kuthattukulam, Vaikom, Kottayam, Changanacherry and Chenganur and a district organising centre at Trivandrum.

The Mahasabha had on 31-12-1117, 7038 members and 267 branches on its role. The Mahasabha had up to that date converted 13,803 persons from other faiths to Hinduism. It has several 'BhajanaMadoms', village schools, common cemeteries etc., under its direction. The relief measures against unemployment and destitution have also been undertaken.

President. Mr. S. Krishna Iyer, B. A., B. L., (M. L. A.).
General Secretary. Mr. K. Kunju Panicker, B. A., B. L., (M. L. A.).

Maharajah Swati Tirunal Sangita Sabha, Trivandrum.

The Sabha was first formed in 1931 (1107) the year of the Investiture of H. H. Maharajah Sri Chitra Tirunal, under the name of *Sangth Prakasini Sabha.* In 1109, the Sabha took the name of *Sangita Vidvat Sabha* and the objects and the scope of work were widened. *Sri Thyagaraja Festival* has been conducted every year regularly for about a week. *Sri Swati Tirunal Day* and *Sri Dikshitar Day* are also being celebrated annually.

Several Music Conferences have been held. The first All-Travancore Music Conference was held in 1935 under the Gracious Patronage of Her Highness Maharani Setu Parvati Bayi, with Mrs. M. E. Cousins, B. MUS., as President.

The main objects of the Sabha are to encourage the study and disseminate correct ideas of music in general and Carnatic music in particular, and to establish *esprit de corps* among musicians.

Early in 1118 the name of the Sabha was changed to its present form. The Sabha has resolved to celebrate annually a Music Festival under the name of Sri Swati Tirunal Music Festival, about the time of Navaratri.

The present Managing Committee is constituted as follows :

President : Prof. R. Srinivasan, M. A.
Vice-President : Mr. S. Govindaswami, B. A; B. L.
Secretaries : Mr. L. S. Subramonia Aiyar, B. A., B. L.
Mr. S. Sankar.

Other Members.

Mr. G. P. Sekhar, B. A.
Mr. K. S Nataraja Sarma B. A., B. L.
Mr. K. R. Ramabhadran
Mr. V. V. Sundararajan
Mr. M. Padmanabha Iyer

The following Vidwans are the Honorary Vice-Presidents of the Sabha :

1. Gayakasikhamani L. Muthia Bhagavathar
2. Mrs. Alamelu Jayarama Iyer
3. Tiger Varadachariar
4. Mysore Vasudevachariar
5. Papanasam Sivan
6. Maharajapuram Viswanatha Iyer
7. Ariakudi Ramanuja Iyengar
8. Musiri Subramania Iyer
9. Semmangudi Srinivasa Iyer
10. G. N. Balasubramaniam
11. Papa Venkataramiah
12. Rajamanikham Pillai
13. Palghat Mani Iyer
14. Tanjore Vaidyanatha Iyer
15. M. K. Venkatadri Bhagavatar
16. Nagaswaram Veerasami Pillai
17. R. Padmanabha Iyer (Flute)
18. Gopinath (Nartakalayam)

The Travancore Prathyaksha Reksha Deyva Sabha.

(*Head Quarters : Valiathanikal at Eraviperoor*).

Founded by

Mr. Yohannan, Poykayil and
Mr. Simon Yohannan, Njaliyakuzhiyil.

It is now thirty four years since the Sabha had been organized. The 1st President Mr. Poykayil Yohannan entered into eternal rest, on the 15th Mithunam 1114 After that Mr. Simon Yohannan has been appointed as President.

The Sabha has working centres in all important places of the State. For purposes of administrative convenience, these centres are grouped into four districts. To help the President in carrying on the work of the Sabha, a Council has been constituted with 9 members to be elected by the General Body; besides there is a working committee of 21 members. The whole work is carried on as honorary work done for the progress of the Sabha. The income received as contributions, is spent for the work of the Sabha. There are assets both movable and immovable, worth about a lakh; all these have been earned as trust property in the name of Njaliyakuzhiyil Mr. Simon Yohannan and he is in possession of all those assets from the very beginning. Now the Sabha has about 25,000 members. Most of the members originally belonged to Sambaver, Cheramar, Inaver, Vedar and Nadar communities. The Sabha has rubber estates and other properties.

The Sabha has already acquired 150 acres of land. Besides, in all the working centres it has got landed properties and institutions. The Sabha has now 51 Edavakas and 104 Catechists.

The Government is lending all possible help to the Sabha.

The Sabha is working to better the spiritual, educational and economic conditions of its members.

Knanaya Catholic Mahajena Sabha.

(Founded in 1938)

Patron : The Rt. Rev. Mar. Alexander Chulaparambil D. D., Bishop of Kottayam.

President : Mr. V. J. Joseph M. A. (Hons.)
Vice-President : Mr. P. L. Stephen M. A.
General Secretary. Mr. James Tharayil B. A., B. L. Advocate, Kottayam.
Joint Secretary: Mr. Chacko Manthurithil, Kaipuzha.
Treasurer: Mr. Abraham Pathyil.

Committee members:

Mr. K. Korah B. A.
Mr. Abraham Ampalathunkal
Miss. E. T. Ealy, B. A. L. T.
Mr. Thomas Mozhacheril,
Mr. Korah Kappadakunnel
Mr. Kochuthup Ittyavirah Kodianthara (Agriculturists' representative)
Mr. Thomas Muthoottil. (Teachers' representative)
Mr. Lukose Pannivelil, (Industrial and Commerce representative)
Rev. Fr. Mathew Cherucheril, (Priests' representative)

The Knanaya Catholic Mahajena Sabha is organised for the political, social and economic advancement of the Knanaya Catholic community. It consists of 3700 members and 40 branches. The managing committee is elected from and responsible to a representative body consisting of 250 elected members. The organisation does useful work to the community.

The Sri Mulam Merchants' Association, Shencotta.

(*Established—1095*).

This Association was registered in the year 1101.

The main objects, for which the Association was established, are for promoting commerce by rendering all sorts of help to the merchants of Shencotta including settlement of disputes arising between merchants and by affording facilities for exporting and importing goods to and from the town of Shencotta.

The management of the Association devolves on a Committee, with the following gentlemen as office-bearers and members.

Mr. R. Venketachalam Aiyar,	*President.*
Mr. M. Mohamudappa Rowther,	*Vice-President.*
Mr M. S. Muthuswamy Pillai,	*Secretary.*
Mr. N. A. Aruuachalam Mooppanar	Shroff.
Mr. S. K. Subramania Iyer, Legal Adviser	
Mr. M. Subramonia Karayalar	Committee Member
Mr. S. M. Sudalahmutu Mooppanar	,,
Mr. Seyadu Muhammed Nainar Pillai Rowther	,,
Mr. S. R. K. Ramakrishna Iyer	,,
Mr. M. Sahul Hameed Rowther	,,
Mr. P. S. Subbiah Karayalar	,,
Mr. K. S. Pichandi Mooppanar	,,
Mr. M. Ahamedu Rowther	,,
Mr. S. M. Subbiah Mooppanar	,,
Mr. R. P. Nayagam	,,
Mr. S. S. Krishnaswamy Iyer	,,

Indian Rubber Licensing Committee.

A Statutory Body, constituted under the Indian Rubber Control Act, 1934, to deal with all matters connected with the export of rubber from India, the re-export of imported raw rubber or articles manufactured out of such imported raw rubber from India and the collection of statistics, etc., in conjunction therewith.

The Office of the Committee is situated at Malankara Buildings, Muttampalam, Kottayam, Travancore.

PERSONNEL OF THE COMMITTEE.

1. Mr. K. V. Mathew, Chairman (Member, nominated by the Government of Travancore);
2. The Division Peishkar, Kottayam (Member, nominated by the Government of Travancore);

3. Mr. E. F. M. Norman (Member, nominated by the Government of Cochin);
4. Mr. J. E. Pitcairn (Member, nominated by the Government of Madras); and
5. Mr. L. J. T. Polgreen (Member, nominated by the United Planters' Association of Southern India).

Rubber Export Controller for India (*Chief Executive Officer*):—Mr. P. Kurian John.

Assistant Controller:—Mr. P. T. Thomas, B. Com.

Telegrams:—Malankara, Kottayam.

Telephone No. 60. Do.

Indian Tea Licensing Committee.

A Statutory Body, constituted under the Indian Tea Control Act of 1938, to deal with all matters connected with the export of tea from India and the collection of statistics, etc., in conjunction therewith.

The Head Office is situated at the

Royal Exchange,
2, Clive Street,
Calcutta.

Chairman: Mr. L. B. Green, (G. B. E.)

For purposes of administration of the Act in South India, (Madras Presidency, Province of Coorg, and the Indian States of Travancore, Mysore and Cochin) the following gentlemen constitute the South India Sub-Committee.

Mr. J. S. Wilkie, (*Chairman*).
,, R. Brown,
,, S. Krishna Aiyar, B. A., B. L.,
,, G. H. Waters, and
,, B. K. Nandhi Gowder.

Of the above named, Messrs. Wilkie, Brown and Waters are nominated by the United Planters' Association of Southern India, Mr. Krishna Aiyar is nominated by the Government of Travancore and Mr. Nandhi Gowder elected to represent tea estates in Southern India excluding Travancore owned by Indians.

Joint Controller (Chief Executive Officer in South India), Mr. J. A. R. Lloyd.

Assistant to the Joint Controller: Major C. H. Lincoln, O. B. E.

Postal Address: Joint Controller, Indian Tea Licensing Committee, Glen View, Coonoor P. O.

Telegrams: "Controller," Coonoor.

Telephone Number: Nilgiris, 2263.

PLANTERS' ASSOCIATIONS.

The Association of Planters of Travancore.

(Incorporated in Travancore.)

Subscribing Estates represent :—

Tea	68983·23 acres
Rubber	41471·33 ,,
Cardamoms	3177·19 ,,
Coffee	908·96 ,,
Total	114540·71 acres.

Firm Members :—

(1) Aspinwall & Co. Ltd., Cochin
(2) Harrisons & Crosfield Ltd., Quilon
(3) A. V. Thomas & Co. Ltd., Alleppey.
(4) Volkart Brothers, Cochin
(5) Peirce, Leslie and Co. Ltd., Cochin.
(6) Darragh, Smail and Co., Ltd., Alleppey.

Association Members :—

(1) Central Travancore Planters' Association
(2) Kannan Devan Planters' Association
(3) Mundakayam Planters' Association
(4) South Travancore Planters' Association

Chairman :— Mr. J. W. Tolson, Planting Member, Sri Mulam Assembly.

Executive Committee:— Messrs. K. Dominic Joseph, B. A., B. L., M. L. A.
M. R. Coghlan.
P. Kurian John.
L. J. T. Polgreen.
K. Srinivasan, B. A., B. L.
T. W. U. Park, Planting Member, Sri Chitra State Council.

Secretary :— Mr. P. Kurian John, Malankara Buildings, Kottayam.

Owners, both European and Indian, of Tea, Rubber, Coffee and Cardamom Estates in Travancore of 50 acres and over are eligible for membership. The main objects of the Association are, with the approval of Government, to become the recognised medium between the Government and individual planting interests and to have the Electoral Roll for the Planting Constituency reorganised on a non-communal basis.

The Central Travancore Planters' Association.

(Established in 1874)

Incorporated in Travancore.

The Association is in its 68th year of existence. Its objects are to be representative of the owners of both Indian and European, of Tea, Rubber, Cardamom and Coffee Estates in the Peermade and Vandiperiyar Districts of Travancore and to promote and protect tha interests of its members.

Any proprietor or Company owning an Estate in either or both of the above two Districts is eligible for membership.

The present members of the Association comprise 90 per cent. of the planting area in the Districts and consists of all the prominent Indian and European Planters.

The Office bearers for the current year are:—

Chairman:	Mr. M. R. Coghlan
Members of Committee:	Mr. G. Newton
	Mr. M. R. Coghlan
	Mr. C. Paterson
	Mr. J. S. Wilkie
	Mr. A. R. St. George
	Mr. W. A. J. Milner
	Mr. R. P. Roissier
	Mr E. V. Stephens
Honorary Secretary.	Mr. M. R. Coghlan, Moongalar Estate, Vandiperiyar P. O. and A. O.

Kannan Devan Planters' Association.

(Founded 1st April 1888.)

Registered office: Munnar, Travancore.

Represents: The Interests of 34, 141, 54 acres under cultivation.

Office Bearers:

Chairman:	Mr. H. C. Boyd.
Committee:	Mr. E. H. Francis.
	Mr. J. E. Sampson.
	Mr. R. Brown.
	Mr. R. B. Cullen.
	Mr. J. Whiteley Tolson.
	Mr. J. Gray.
	Mr. A. H. J. How.
	Mr. J. H. Wilkes.
	Mr. A. G. Mac Gregor.
Honorary Secretary.	Mr. M. N. Clarke.

Objects.

To become a member of the United Planters' Association of Southern India and Association of Planters of Travancore. To consider all questions connected with various planting interests.

Mundakayam Planters' Association.

(Established in 1906.)

(Incorporated in Travancore.)

Registered Office: Mundakayam Club, Mundakayam.

Represents the interests of 2,952·74 acres Tea and 10,365·32 acres Rubber under cultivation.

Office Bearers :—

Chairman and Honorary Secretary :—Mr. W. G. Craig

Members of Committee:—

Mr. R. M. Saywell
" J. J. Murphy
" H. B. Macpherson
" G. Mc. Pharson.

The South Travancore Planters' Association.

(Incorporated in Travancore)

Registerd Office : Quilon.

Represents the interests of 17612 acres under cultivation.

Office Bearers:

Chairman : Mr. A. P. D. Lodge.

Committee : Mr. H. R. Carson Parker.
Mr. W. Gillespie.
Major E. C. Sherman

Honorary Secretary : Mr. A. M. B. Clarke.

Objects.

To consider all questions connected with planting interests.

SRI SANKARA ALLOM.

S. TRAVANCORE.

The Sri Sankara Allom, owned by Mr. T. V. Krishna Iyer, is situated on the Kottar-Parakkai-Manakudy Road at Puthallom about 5 miles north-west of Cape Comorin on the northern side of Manakudy Lake. Being located within a few feet above the level of the Kayal bed from where it had been reclaimed, the pan area is protected from inundations by high and broad embankments. The platforms on which the salts are stored are above the High Water mark of flood level. The whole factory covers an area of about 75 acres in which ars laid out 240 cryetallisers and 210 condensers measuring about 30 acres, a reservoir and a preliminary high condenser of about 20 acres, ring, feeding, and bittern channele, ridges, pathways, and bunds of about 10 acres and four platforms measuring about 15 acres.

Salt is being manufactured here by the solar evaporation of brine in a series of condensing beds obtained from tube wells. The soil in the crystallisers is dug up to a depth of one foot, the clods are broken up, and brine just sufficient to reduce the floor of the bed to the consistency of soft mud, is then let in. The floor is trodden and puddled under foot and as soon as it is dry and firm, it is well rammed to a uniform level. It is then allowed to rest and harden in the Sun, the surface being watered from time to time to prevent cracks.

When the crystallising beds are ready they are irrigated to a depth of about 2 1/2" to 3" with brine of 20° Be, and the brine allowed to ovaporate until the brine reaches 29° Be, or the depth falls to ½", when the crystals formed on the ground are raked up with wooden scrapers, crystals washed well in the mother liquor, so as to be free from any adherent mud and collected on the ridgee of the bede, so that the mother liquor sticking to the salt may drain and the crystals dry themselves in the Sun for a few days and then carried to the drying grounds. After every scraping the mother liquor is thrown out of the crystalliser and the bed is again charged with brine kept ready in the condenser, the whole procese being repeated from time to time.

After being removed from the ridges the salt is heaped on the drying grounds in the ridges. When sufficiently dry it is stored in heaps containing 1200 maunds each.

Centrifugal pumps worked by Diesel-Oil engines, with or without counter shaft arrangements, work day and night for raising brine, from depthe ranging from 60 to 125 feet below the pan level. The preliminary high condensers being in a higher level than the pan area, the irrigation to pans is automatic. By the mere opening of the outlet sluice the pans can be irrigated. The whole pan area including the preliminary high condenser is so laid that there is a gentle uniform slope to one corner of the factory. By engaging expert workmen, giving constant attention to levelling and tamping, as often as required and attending to every kind of repair then and there, a first rate clay floor perfectly impervioue had been formed. The concentration of brine is effected by means of exposing the same over a very large area in the Reservoir and High Condenser.

H. H. The Maharaja's Law College, Trivandrum.

On the 31st January 1875, the Government sanctioned "the organisation of Law Class in connection with His Highness' College at Trivandrum to enable candidates from Travancore to present themselves for the Law Examinations of the University of Madras and to encourage others to pursue the study of law systematically". The order sanctioning the scheme directed that it should be worked on the same lines as the class attached to the Presidency College at Madras. Dr. W. E. Ormsby, Barrister-at-Law, then a Judge of the Sadar Court of Travancore, was appointed Professor of Law in His Highness the Maharaja's College. Dr. Ormsby opened the class on the 9th of February of the same year, and in 1877, His Highness's College was affiliated to the University of Madras in the Faculty of Law also, the University agreeing to accept Dr. Ormsby's certificate as qualifying for admission to University Law Examinations. In 1891, an Assistant Professor of Law was appointed, the Professor and his Assistant each working two hours a week.

The class was thus worked till 1894, when, in conformity with important alterations in the bye-laws of the University *re* the B. L. Degree Examination, the institution was reorganised on an entirely different footing. The Law Class, which till then was worked as a part of His Highness' College, and the Professors whereof were treated as members of the staff of that College, was raised to the status of an independent College under the designation of "His Highness the Maharaja's Law College, Trivandrum". The staff was strengthened by the appointment of a Senior and two Junior Professors each working two hours a week. A Lecturer in Medical Jurisprudence working an hour a week was added to the staff in February 1897. In 1900, Government sanctioned certain important alterations in the scheme of the College as settled in 1894, and with a view to meet the altered conditions, again reorganised the College. In addition to the Principal, the appointment of two permanent Professors and two Elective Professors was sanctioned. The classes which were till then held in His Highness the Maharaja's College were removed to the upstairs rooms of the School of Arts. In order to make the institution self-supporting, the scale of fees was raised to that levied in the College till the end of the academic year 1930-31. The permanent Professors were drafted to the general service and from January 1905, the College staff was composed of a Principal, two Senior Lecturers, two Junior Lecturers and a Lecturer in Medical Jurisprudence. In 1908, the two Junior Lecturerships in the Law College were converted into two Elective Lecturerships on the same salaries, tenable for two years subject to re-appointment. In 1911 a Commission from the University of Madras inspected the College and in accordance with the suggestions contained in their report the staff was strengthened by the appointment of two additional Elective Lecturers with effect from July 1912. In 1920, the staff was reorganised, and the designations "Senior Lecturers" and "Elective Lecturers" were converted into "Senior Professors" and "Junior Professors" respectively, though the elective system

still held good in the case of the Junior Professors. In 1923, the Pleadership Classes were separated from the B. L. and F. L. Classes, and three additional Junior Professors were appointed to cope with the additional work entailed thereby. Till 1926, the European Judge of the High Court was invariably the Principal.

In 1929, a Commission from the University inspected the Law College, and in accordance with the recommendations contained in their report, Government sanctioned the conversion of the College from a part-time institution working in the morning and the evening, into a full-time institution working between 10 A. M. and 4 P. M. with a free interval of one hour between 1 and 2 P. M., with effect from the beginning of the academic year 1931-1932. The staff was reorganised by the appointment of a full-time Principal, two full-time Professors, five Elective Lecturers and a Lecturer in Medical Jurisprudence. The Elective Lecturers were to be appointed fom year to year, with permission to practise at the Bar. A College Council also was instituted. The scale of fees was revised to Rs. 144 per annum for the B. L. and F. L. Classes and Rs. 108 for the Pleadership Classes.

In 1933, Government sanctioned the suspension of the Pleadership Class for a period of five years with effect from the beginning of the academic year 1933-34 and reduced two Elective Lecturers and temporarily abolished the post of the Lecturer in Medical Jurisprudence. The tenure of appointment of the Elective Lecturers was extended to a period of three years. The scale of fees for the B. L. and F. L. Classes was raised to Rs. 160 per annum. The Pleadership Classes were abolished in 1938.

Till the end of 1908, the management of the College was vested in the Principal acting directly under the orders of the Dewan of Travancore. In January 1909, a slight modification was made by placing the Law College under the Director of Public Instruction. This arrangement was subsequently altered when, in April 1910, it was placed under the control of the High Court. In 1938, the College was transferred to the control of the University of Travancore.

The teaching staff now consists of a Principal, two Professors, and three Part-time Lecturers. The services of the Principal and the two Professors are pensionable. The appointment of the three Part-time Lecturers is temporary, they being appointed for a period of three years at a time.

The Law College had no separate building of its own till 1916. Till then it occupied certain rooms on the first floor of the School of Arts. The accommodation thus provided being insufficient, Government in 1912 sanctioned the construction of a separate building for the Law College. The new building was completed and occupied in 1916.

The Wills' Hostel accommodates a few of the Christian students of the Law College.

PRIZES AND MEDALS.

The Cullen Prize. The Cullen Law Prize is awarded to one who, being a native of Travancore, receives his education in the Law College, Trivandrum, and stands highest in the M. L or B. L. Degree Examination, preference always being given to the candidate passing the M. L. Degree Examination.

The Sadasivan Pillai Law Prize. The Sadasivan Pillai Law Prize of Rs. 40 to the student who, being a subject of His Highness the Maharaja of Travancore, passes highest at the Examination for the Degree of Master of Laws or Bachelor of Laws of the University and who does not get the Cullen Law Prize, preference being given to the candidate who passes the M. L. Degree Examination when there are both M. L. and B. L. candidates in the same year.

The Justice Muthunayagom Memorial Prize. The Justice Muthunayagom Memorial Prize of books for the amount accruing from the fund, annually to the first student of the Trivandrum Law College, who, appearing for the F. L. Examination held immediately after the completion by him of the F. L. course, passes highest in that examination from the College.

The Justice Kunhiraman Nair Gold Medal. The Justice Kunhiraman Nair Gold Medal is awarded every year to the Nayar student of the Trivandrum Law College, who, appearing for the B. L Degree Examination held immediately after the completion by him of the B. L. course, passes highest in that examination.

The Sachivottama Shashtiabdapurti Memorial Prize.

The Prize shall be called 'The Sachivottama Shashtiabdapurthy Memorial Prize'' and shall be awarded annually in the form of books on Law or cash at the option of the candidate. The value of the prize shall be determined from time to time, by the Syndicate, but shall not exceed the annual interest on the endowment. The Prize shall be awarded by the Syndicate to the student who, being a subject of His Highness the Maharaja of Travancore, passes highest in the First Examination in Law of the University after the minimum course of study for the examination.

The strength of the College at the end of 1117 was 197, of which 112 were in the F. L. Class and 85 in the B. L. Class.

The Training College.

The Government Normal School, Trivandrum, was founded in the year 1895. Till May 1911 Teachers who had passed the F. A., Matriculation or Vernacular Examinations were trained in this institution. On the 9th June 1911, the Training College was opened, and the Normal School ceased to exist. From that date Graduates and Undergraduates are being trained in the institution. At first only 24 Graduates and 24 Undergraduates were trained annually. During the year 1924-25, the strength of the Graduate and the Undergraduate sections was raised to 50 each. The period of training for Undergraduates was reduced from two years to one from

1923-24. In 1924, women undergraduates were admitted for the first time to the College after the abolition of the English Section in the Higher Grade Training School for Women. From the year 1934-35, the strength of the L. T. section has been raised to 80. Non-stipendiaries (private students *i. e.*, those not employed as teachers in recognised schools in the State) are admitted on condition that their numbers in each year should not be so large as to shut out the chances of untrained graduates in departmental and private schools. Only those who have obtained at least a second class in the B. A. Degree Examination are admitted as non-stipendiaries. The Silver Jubilee of the College was celebrated at the close of the academic year 1936-37.

Besides the Theory and Practice of Education, the College is affiliated in the following optional subjects :—

Teaching of Mathematics
Do. Physical Science.
Do. Natural Science.
Do. History.
Do. Geography.
Do. English.

The College also imparts instruction in Physical Training, Arts and Crafts. Students are given training in all the games which are generally played in a well conducted secondary School.

Arts or Crafts consist of wood-work, card-board work, clay and plaster modelling, Drawing and Design, Book Craft, etc.

Instruction is imparted in the following optional subjects for the Undergraduates besides the common subjects *viz.*, General Principles of Teaching, Including Organisation, Discipline and Hygiene, Teaching of English and Teaching of Mathematics.

Teaching of History.
Do. Geography.
Do. Nature Study.

Attached to the College, there is a Model English High School containing classes I to IV, the Preparatory class and Forms I to VI.

No candidate shall be admitted to the L. T. Degree unless he has passed the written examination and unless his practical work has been declared satisfactory by the Principal of the College.

The College emphasises the practical side of the course which consists of the following :

1. Practice course for one month for the L. T. Class in eight of the local English High Schools besides the Model School and for 27 days in the Model School for the Undergraduate Class.
2. Observation classes, where the pupil-teachers in the L. T. and Undergraduate sections observe the teaching of the senior teachers in the school.
3. Criticism classes, where the pupil-teachers teach a class in the presence of their colleagues who, after the class is over, offer helpful criticism on the lesson taken.
4. Model lessons, given by the Lecturer or the Headmaster or the senior teachers in the School.
5. Library work, consisting of supervised reading and independent work done according to the plan chalked out in the lectures by those in charge of the various subjects.

At the end of the course of training, Diplomas are issued to the students showing in detail their work in the College during the term.

Fees.

	L. T. Class.	Undergraduate class.
Tuition fees	Rs. 150.	Rs. 60.
† Athletic fees	Rs. 4.	Rs. 2.
Manual Training Fee	Re. 1.	
Health Service Fee	Re. 1.	

The fees are paid in three instalments and the athletic fee and other fees are collected in one lump along with the first instalment.

Non-stipendiaries, who are non- Travancoreans, pay Rs. 200 per year.

† Women students pay only Rs. 2.

Strength.

The strength of the College at the end of 1117 was as follows:—

L. T. Class.			Undergraduate Class.		
Mathematics and English	3	80	History	16	50
Mathematics and Phy. Science	10		Geography	16	
Mathematics and Geography	6		Nature Study	18	
Phy. Science and English	13				
Phy. Science and Nat. Science	2				
Nat. Science and English	11				
Nat. Science and Geography	5				
History and English	17				
History and Geography	10				
English and Geography	3				

There is no scholarship tenable in the College, but teachers from departmental schools who entered service before 1-4-34 if selected for training, are given a stipend of Rs 30 or Rs. 15 in the case of Graduates and Undergraduates respectively, or their substantive pay, or acting or S.P.T. allowance which they drew prior to their deputation, whichever is greater. Managers of private schools are given a grant of half the stipend they pay the teachers selected from their school, provided the teachers entered service prior to 1st April 1934. The grant is, however, limited to a maximum of Rs. 17½ and Rs. 8-14-0 in the case of Graduates and Undergraduates respectively.

Fee concessions are granted according to the rules dated 13th July 1937, framed by Government.

Every year, a gold medal of a sovereign's weight is awarded to the student of the L. T. Class who has done best in his year. The medal was instituted in memory of the Shashtiabdapurthy of H. H. the late Maharaja Sri Mulam Tirunal.

There is no separate hostel for the College, but the students of the College are granted admission in the Government Collegiate Hostel.

Admission.

Admissions to the College are made by the Principal in consultation with the Director of Public Instruction in respect of teachers from Departmental and Private Schools. The admission of Non-stipendiary students to the L. T. Class is made by the Principal in consultation with the Pro-Vice-Chancellor.

His Highness the Maharaja's University College, Trivandrum.

This institution was founded in 1834 as His Highness the Raja's Free School with the object of providing education in English for His Highness' subjects. In 1869, the standard of instruction was raised to the First Examination in Arts and the Bachelor of Arts Courses of the Madras University and the institution thence came to be called "His Highness the Maha Raja's College, Trivandrum." The College was affiliated for the B. A. Degree course of the Madras University successively in Philosophy, Mathematics, Chemistry, History, Physics, Sanskrit and Dravidian Languages. The College was also affiliated for B. A. Honours Degree in English and History in 1914. Provision for the study of Natural Science in the Intermediate course was made in 1922. It was at this stage that the Government of His Highness the Maharaja decided to separate the Arts and Science Departmsuts and retain the latter in its old habitation. The bifurcation was given effect to in May 1924 and the institution was thence-forth called "His Highness the Maha-Raja's College of Science, Trivandrum" and the other institution as H. H. the Maharaja's College of Arts, Trivandrum. Since the bifurcation, the College was affiliated for B. A. Honours course in Mathsmatics in 1925 and for the B. A. Pass course in Botany and Zoology in the years 1924 and 1931 rsspectively. Since then the College of Arts and the College of Science have been amalgamated with effect from 26th Idavom 1117/8 6-1942.

The administration of the Collegs is vested in the Principal in consultation with the College Council subject to the general direction and control of the University of Travancore and the Government.

The College provides instruction for the Intermediate, B. Sc., & B. A (Pass.) B Sc & B A. (Honours), & M. Sc. (in Mathamatics) Degree courses of the Travancore University in the following branches. The college also provides instruction in Chemistry and Physics to the Students of the Engineering College and the Institute of Textile Technology. Besides, activities in Research such as distillation of oil etc., are also conducted.

Intermediate.

Group	i	Mathematics, Physics, Chemistry.
,,	ii	Physics, Chemistry, Natural Science.
,,	iii (a)	Ancicut History, Indian History and Logic,
,,	iii (b)	Ancient History, Indian History and Modern History.

B. Sc. (Pass)

Group	i (a)	Mathematics			
,,	i (b)	Mathematics	(main)	Physics	(Sub.)
,,	ii (a)	Physics	(main)	Mathematics	,,
,,	ii (b)	Physics	(main)	Chemistry	,,
,,	iii (a)	Chemistry	(main)	Physics	,,
,,	iii (b)	Chemistry	(main)	Botany	,,
,,	iii (c)	Chemistry	(main)	Zoology	,,
,,	iv (a)	Botany	(main)	Chemistry	,,
,,	iv (b)	Botany	(main)	Zoology	,,
,,	v (a)	Zoology	(main)	Chemistry	,,
,,	v (b)	Zoology	(main)	Botany	,,

B. A. (Pass Course).

Group	i (a)	Psychology, Ethics and Logic
,,	ii (a)	History, Economics and Politics
,,	iii (a)	Sanskrit and Early Indian History
,,	iii (c)	Malayalam and Sanskrit (as related language)

B. Sc. (Hons.)

Branch I. Mathematics.

Besides English which is compulsory for all students in the Intermediate, B. Sc. and B. Sc. (Honours) 1st year classes, the College is affiliated to the Travancore University and provides instruction in Malayalam, Sanskrit, Tamil, French and Hindi under Part II of the Intermediate and B. Sc. courses.

B. A. (Hons.)

Branch	ii	History, Economics and Politics
Branch	iii	English Language and Literature
Branch	iv	Sanskrit Language and Literature
Branch	v	Malayalam Language and Literature

Post-graduate Courses.

Post-graduate students of suitable qualifications are admitted in the Mathematics Department for the B. Sc. (Honours) degree course. Facilities are given for post-graduate research work in the Departments of Chemistry, Zoology, Botany and Physics.

Every holder of an English School Leaving Certificate or any other accepted certificate admitted for the first time to a University course should pay a sum of Bh. Rs. (2) two being the fee prescribed by the Travancore University for registration as a Matriculate. The money should be paid into the College Office on the date of admission. Students of other Universities must also pay a Recognition fee of Bh. Rs. (5) five each.

The College Fee rates are as follows :—

	Per Academic year.
For the Intermediate Course	S. Rs. (84) eighty-four only. (Rs. 28, Rs. 14 and Rs. 42 for Parts I, II & III respectively).
,, B. A., B. Sc. (Honours) Course and Post-Graduate Course	S. Rs. (108) one hundred and eight only.
,, B. A., B. Sc. Pass Course	S. Rs. (108) one hundred and eight only. (Rs. 36, Rs. 18, and Rs. 54 for Parts I, II and III respectively.)
For Post-Graduate students for research course	Bh. Rs. (15) fifteen only per term. Chemistry, Botany and Zoology and Physics and Mathematics.

For special practical work for failed students of the B. A. or B. Sc. Class Rs. (27) twenty-seven only per term.

Library fee B. Rs. 2 (two) only per Academic year.

Athletics fee B. Rs. 4 (four) only for men students and B. Rs. 2 for lady students per academic year.

Stationery fee . S. Re. 1 (one) only. ,,

Magazine and Association fee Bh. Re. 1 (one) only.

Laboratory fee :

(i) Intermediate Course.

Mathematics, Physics and Chemistry—S. Rs. 5.

Physics, Chemistry and Natural Science—S. Rs. 7.

(ii) B. Sc. Course :

Groups I (b), II (a) & (b), III (a), (b) & (c), IV (a) & (b) and V (a) & (b) S. Rs. (10) ten only.

Accommodation is provided for the students of the College in H. H. The Maharaja's Collegiate Hostel. Accommodation is also provided in the Hostel "Students Hall" managed by the University Board of Physical Education where the rate of living is considerably cheap. Provision for the residence of Christian men students is also available in the L. M. S. Hostel, Y. M. C. A. Hostel, Catholic Hostel and other Hostels maintained by private agencies. Women students can find accommodation in the Holy Angel's Convent, Women's College Hostel, Hindu Vanitha Sangham Hostel, S. N. V. Sadanam and in the Hostel of the Y. W. C. A., Trivandrum.

The strength of the amalgamated College at the end of 1117 was 1290 as distributed below :—

Junior Intermediate	...	354
Senior do.	...	307
Junior B. Sc.	...	186
Senior B. Sc.	...	161
Junior B. A.	...	90
Senior B A.	...	79
B. Sc Hons. Math. I, II, & III year	...	34
B. A. Hons. English	...	29
B. A. (Hons.) History I, II, & III year	...	36
Do. Malayalam Do.	...	8
Do. Sanskrit Do.	...	6

Scholarships, Prizes and Medals.

I. His Highness the Maharaja's Scholarships.

(i) *Scholarships of the value of Rs. 7½ per mensem.*

(*a*) These scholarships are open to pupils passing from Form VI in recognised Higher Grade English Schools, Departmental or Private, and are awarded by the Registrar, Travancore University on the basis of merit.

(*b*) Only pupils who secure the E. S. L. Certificate *after one year only in Form VI* and continue in the Intermediate class in the academic year immediately following the school year in which they were in Form VI are eligible for the scholarships.

(c) Each scholarship is tenable for two academic years in any recognised Arts College in the State.

ii. *Scholarships of the value of Rs. 11¼ per mensem.*

(a) These scholarships are tenable in H. H. The Maharaja's College, Trivandrum, and are open to students from the Recognised Arts Colleges in the State. They are allotted as under:—

One to students from H. H. The Maharaja's College for Women, Trivandrum; one each to students from the C. M. S. College, Kottayam, the Scott Christian College, Nagercoil; St. Berchman's College, Changanacherry and the Union Christian College, Alwaye; and four to students from H. H. The Maharaja's University College, Trivandrum.

(b) Each scholarship is tenable for the whole B. A. or B. Sc. course, Pass or Honours, of the holder.

II. Government Muhammadan Scholarships.

1. Two Scholarships of Rs (7½) seven and chs. fourteen only each per mensem are awarded annually to poor and deserving Muhammadan students of the Junior Intermediate Class, who are subjects of H. H. The Maharajah of Travancore.

2. The scholarships are ordinarily tenable for four years, but in the case of a student who takes up an Honours course after passing the Intermediate Examination, the period of tenure is extended to five years.

3 The scholarships are liable to forfeiture in the event of continued absence, negligence in studies, want of progress or misbehaviour.

4. The scholarship-holders are selected on the results of the E. S. L. C. Examination, other points such as age and poverty being taken into consideration in awarding the scholarships.

III. Grigg Scholarship.

A scholarship of the value of Bh. Rs. (14) fourteen, tenable for two years is awarded to the student who passes highest in the Intermediate Examination of the Travancore University from any institution in Travancore and who prosecutes his studies for the B. Sc. degree at H. H. The Maharaja's University College, Trivandrum.

IV. Read Memorial Scholarship.

A scholarship of the value of Bh. Rs. (15) fifteen per mensem is awarded every alternate year on the results of the Intermediate Examination of the Travancore University to the most deserving student who satisfies certain prescribed conditions.

V. Mitchell Memorial Scholarships.

Two scholarships, each of the monthly value of Bh. Rs. (12) twelve and tenable for four years, are awarded to students of the Junior Intermediate class who choose Group I, on the average marks they obtained for the Travancore E. S. L. C. Examination in English, Elementary Mathematics and the optional subjects.

VI. Ramiengar Scholarships.

Two scholarships each of the value of Bh. Rs. (15) fifteen per mensem are awarded, for one year in the first instance, on the results of the Intermediate Examination of the Travancore University to a student who shall be a subject of Travaucore and who shall continue his education in H. H. The Maharaja's University College Trivandrum taking Group III old regulation, IV new regulation, in the B. Sc. course.

VII. Cullen Scholarship.

A scholarship of the annual value of Rs. 112-6-2, and ordinarily tenable for two years, is awarded to the student who is a subject of H. H. The Maharaja of Travancore and who passes highest in the Intermediate Examination of the University of Travancore as a whole from a college in Travancore in two years after joining the Intermediate class and continues for the B. A., B. Sc. course (Pass or Honours) immediately afterwards in H. H. the Maharaja's University College, Trivandrum.

VIII. Anantaramier Scholarships.

Only Mukkani Brahmins are eligible for the scholarships.

One scholarship of the value of Bh. Rs. (15) fifteen per mensem is awarded every year to a Mukkani Brahmin student to be selected by the College Council from among those admitted into the Junior Intermediate class in the College.

One scholarship of the value of Bh. Rs. (15) fifteen per mensem is awarded every year to a Mukkani Brahmin student to be selected by the College Council from among those admitted into the Junior B. Sc. class in the college.

IX. Guruswamy Nadar's Scholarships.

There shall be two scholarships, one of which not exceeding Bh. Rs. (12) twelve per mensem shall be awarded to a student of the Intermediate class, Group I, who has obtained the highest number of marks in the E. S. L. C Examination in English, Elementary Mathematics and the optional subjects, (Mathematics, Physics and Chemistry), the other not exceeding Bh Rs. (18) eighteen per mensem shall be awarded to a student who passes the Intermediate Examination from one of the colleges in Travancore, whether a native of Travancore or not, on the marks which he obtained in the Examination and who undertakes to study for the B. Sc. Degree Examination in Chemistry, preference being given to the student who has held the scholarship in the Intermediate class.

X. T. Sankaran Tampi Scholarships.

Only Nayar students who are subjects of H. H. the Maharaja are eligible for the scholarships.

There are two scholarships, one of the monthly value of Bh. Rs. (7) seven, and the other of the monthly value of Bh. Rs. (9) nine.

One scholarship of the monthly value of Bh. Rs. (7) seven is awarded to the Nayar student in the Junior Intermediate class of H. H. the Maharaja's University College, Trivandrum, who, among the students who take up Group I or Group II as their optional subject, has secured the best English School Leaving Certificate, judged

by the moderated marks, in the immediately preceding school year after remaining one year only in Form VI. This scholarship is tenable for two years and is subject to forfeiture, if the holder fails to secure promotion at the end of the first year.

Another scholarship of the monthly value of Bh. Rs. (9) nine is awarded to the Nayar student in the junior class of the Pass course of the B. Sc. Degree Examination who, among the students who take up Group I (Mathematics) or Group II (Physics) or Group III (Chemistry) as their optional subject, has secured the highest number of marks in English and in Group I or II put together of the immediately preceding Intermediate Examination in Arts, and who has passed the Intermediate Examination as a whole within two years after joining the Intermediate Class. This scholarship is tenable for two years and is subject to forfeiture, if the holder does not secure promotion at the end of the first year.

XI. Read Scholarships.

The scholarships are awarded to deserving students, who are natural born or domiciled Travancorean and who after completing the Intermediate course in any of the Colleges in the Madras Presidency, join H. H. The Maharaja's University College, Trivandrum, for the B. Sc. course taking Chemistry, Physics, Botany or Zoology as main optional subject.

There are two scholarships of the monthly value of Bh. Rs. (7) seven each, awarded every year:—

one to a student in the Chemistry section; and

the other to a student in the Physics, Botany or Zoology section by rotation.

XII The Victoria Jubilee Scholarship.

The scholarship is of the value of Bh. Rs. (10) ten per mensem and is open to all without regard to caste, creed or nativity.

The scholarship is awarded by the Council of H. H. The Maharaja's University College Trivandrum, at its discretion, to a student of the College who passes the immediately preceding Intermediate Examination from that College after the minimum period of study required for that examination, and prosecutes his studies for the B. A. B. Sc. Pass or Honours Examination in the same College.

It is tenable for 2 or 3 years according as it is awarded to a student of the B. A. B. Sc. Pass or Honours course; but it cannot be held in conjunction with any other scholarship.

XIII The Rama Rao Scholarship.

This scholarship is of the value of Rs (4) four per mensem.

It is awarded for two years to a poor student of the Intermediate class, who passes the immediately preceding Matriculation or the English School Leaving Certificate Examination and is a native of Travancore.

XIV The Hodgson Memorial English Literature Scholarship.

This is of the value of Bh. Rs. (180) one hundred and eighty per annum.

It is awarded by the University of Travancore to a student of the English Honours Class (first year) in a Travancore Government College, who is in need of monstary help for his College course and who, among those who appeared for the Intermediate Examination (or other similar qualifying examination for the B. A Honours course) immediately preceding his joining the class after the minimum period of study for the Examination, secured the highest mark in English, and was not more than 19 years of age on the 1st April in the year of the Examination. The scholarship is tenable for three years.

XV. AMMUKUTTY RAJAGOPALACHARI SCHOLARSHIPS.

(a) Two scholarships, one in the Junior B. A. or B. Sc. or First Year Honours Class and another in the Senior B. A. or B. Sc. or Second Year Honours Class of the value of Bh. Rs. (15) fifteen are awarded for the B. A. or B. Sc. (Pass or Honours) course in H. H. the Maharaja's University College, Trivandrum.

(b) The scholarships are awarded in the first instance to the student in the Junior B. A. or B. Sc or First Year Honours Class in H. H. the Maharaja's University College, Trivandrum, who stood highest in the Intermediate Examination of that year who passed at her first appearance for the examination and who is in need of monetary help for the college course.

(c) If in any year there are no Nair female students in any of the classes to hold the scholarship for that class, the scholarship may be awarded to a poor deserving Nair female student of any other class in the two Colleges including H. H. the Maharaja's College for Women.

(d) When for any reason the scholarship is withdrawn from the holder or the holder forfeits it or if the holder discontinues her studies or resigns the scholarship, the Syndicate may, on the recommendation of the Principals concerned, and in consultation with the Senior member of the family of Lady Rajagopalachari, confer it for the unexpired portion of the period of its tenure, on a student in the same class as that of the previous holder, who may be found to deserve the scholarship under the rules for the first award.

XVI. THE RAO SAHIB UDARASIROMANI T. PADMANABHA RAO SCHOLARSHIP.

The scholarship is of the value of Bh. Rs. (10) ten per mensem.

It is awarded for two years, in the first instance, to a poor student of the Junior Intermediate Class of His Highness the Maharaja's University College, Trivandrum, who passes the immediately preceding English School Leaving Examination in the first attempt and gets the highest number of marks in the examination. It is renewed to the holder for a further period of two or three years according as he joins the B. A. Pass or Honours course after passing the Intermediate Examination in the minimum period.

Other things being equal, preference is given to Brahmin students of either sex, and among Brahmins, to Maratta Brahmins.

The award is made by the Syndicate in consultation with the College Council of His Highness the Maharaja's University College Trivandrum.

XVII. *The Harvey Memorial Prize.*

The prize is of the value of Bh. Rs, (42) forty-two. It is awarded by the College Council to the student of the Senior B. A. B. Sc. Pass and Preliminary Honours Class of H. H. the Maharaja's University College who, in the opinion of the Professors of English, has done best in an English Essay Competition held for the purpose.

XVIII. *The Ganapathi Pillai Memorial Prize.*

The prize is of the value of Bh. Rs. (10) ten awarded by the College Council to the student of the College who passes the Intermediate Examination at his first appearance within the minimum period of two years, and securos the highest marks being not less than 50 per cent. of the aggregate marks in Tamil (optional) or Tamil (Second Language,) if there are no candidates who offer Tamil as an optional language for the Intormediate Examination. The prize is in the form of Tamil books to be selected subject to the approval of the Principal acting in consultation with the Superintendent of Studies in Indian Languages.

XIX. *The Rama Kurup Memorial Prize.*

The prize is awarded by the College Council to the student of H. H. the Maharaja's University College, Trivandrum, who passes highest in Malayalam in the B. A. Degree Examination and also qualifies for his Degree at the same examination in all parts of it. If, in any year, no student passes at least in the Second Class in Malayalam, the prize shall not be awarded.

The prize is in the form of Malayalam books of the value of Bh. Rs. (14) fourteen to be selected, subject to the approval of the Principal acting in consultation with the Superintendent of Studies in Indian Languages.

XX. *The Sulapani Warrier Prize.*

The prize is awarded annually by the College Council to the student who among those who prosecute their studies in His Highness the Maharaja's University College, occupies the highest place in Malayalam (Second Language) in the E. S. L. C. Examination of the year immediately preceding the date of his admission to the College.

The prize is of the value of Bh. Rs. (7) seven in the form of books to be selected with the approval of the Principal acting in consultation with the Superintendent of Studies in Indian Languages.

XXI. *The La Bouchardiere Memorial Prize.*

The prize is awarded to the student of H. H. the Maharaja's University College who stands first among the candidates who appear for the B. A. (Hons.) Degree Examination in English and qualifies for the Honours Degree.

It is of the value of Bh. Rs. (70) seventy in the form of books on English Language and Literature approved by the Principal acting in consultation with the Professors of English.

XXII. *Harold Stuart Ferguson Prize.*

The prize is given every year to a graduate of the College who has shown proficiency in English literature and in either Mathematics, Chemistry or Physics. He should also satisfy his Professors and comrades in all those qualities which go to make a gentleman.

The prize is in the form of books on English Literature, Mathematics or Science to the value of Bh. Rs. 50.

XXIII. *Boyle Memorial Prize.*

The prize of the value of Bh. Rs. (50) fifty is awarded annually to the student who does best in English in the Junior B. Sc. Class on the results of the regular College examinations.

XXIV. *The R. S. Lepper Gold Medals.*

Two gold medals in commemoration of the services of Mr. R. S. Lepper are awarded every year on the results of the University Examination to successful candidates for proficiency in Economics. One of these is given to the Honours student in Branch II who passes in the first or second class, and obtains the highest number of marks in Economics, which should not be less than 50 per cent. of the maximum. The other will be awarded to the Pass B. A. student who does best in Economics in the University Examination and obtains not less than 60 per cent. of the maximum.

XXV. *The Sankunni Menon Dewan Peishkar's Gold Medal for History.*

The medal is awarded annually to the Nair student of the B.A. Honours class of the College who passes the Honours Degree Examination and gets the highest number of marks in History, among those who pass from the College along with him at the same examination.

XXVI. *The Ravi Varma Memorial Gold Medal.*

The medal is awarded annually to the student who stands first in Philosophy among the successful candidates of the B. A. Degree Examination presented from the College, provided he or she (1) has undergone the entire course for the Degree Examination in the same College and has not spent more than a year either in the Junior B. A, or in the Senior B. A. class, (2) passes in the same year all the parts of the B. A. Degree Examination, and (3) is placed in a class not below the second in Branch I (Psychology, Logic and Ethics).

XXVII. *A. R. Raja Raja Varma Memorial Prize.*

The prize is of the annual value of Bh. Rs. (6) six in the form of books to be selected subject to the approval of the Principal acting in consultation with the Lecturer in Dravidian Languages. It is awarded by the College Council to the student who takes Malayalam and Sanskrit as his Optional Group in the B. A. course and who in passing all the parts of the B. A. Degree Examination after the minimum period of study in the B. A. class, secures at least a Second Class in that group and the first place among the students of the College taking that optional group.

XXVIII. *Ammukutty Rajagopalachari Gold Medal.*

A gold modal not exceeding Bh. Rs. (60) sixty in value including the cost of making is awarded by the Syndicate, University of Travancore, in consultation with the Senior member of the family of Lady Rajagopalachari to the Nair lady who graduates out of any of the Colleges in Travancore and wins the highest distinction.

XXIX *The Rao Sahib Udarasiromani T. Padmanabha Rao Medal.*

A gold Modal, the Value of which does not exceed the annual interest on Bh. Rs. (1000) one thousand, is awarded by the Syndicate, University of Travancore, in consultation with the Council of H H. The Maharaja's University College to the best among the students who qualify for a Degree of the University from the College.

XXX. MAHADEVA IYER GOOD CONDUCT PRIZE.

The prize is in the form of a gold pendant of the value of Bh. Rs. (35) thirty-five with the following motto engraved in the centre in Sanskrit and English on either side:—"Sathyam Vada, Dharmam chara." "Speak the truth, Do your duty".

The prize is awarded annually to a student in Class IV (second year of the B A, B.Sc. Pass as well as Honours Course) of H. H. The Maharaja's University College, Trivandrum, selected by the votes of the students in the class subject to approval by the Council of the College.

Only first year students of Class IV are eligible for the prize.

XXXI. ROSS GOLD MEDAL.

This medal, of the value of Bh. Rs. (56) fifty-six, is awarded annually to the student from H. H. The Maharaja's University College, Trivandrum, who occupies the highest place among Travancoreans who pass the B. A. or B. Sc. Honours Degree Examination from the College and is placed in the first or second class.

XXXII. NATESA AIYAR'S SRI MULA RAMA VARMA MAHA RAJA MEDAL.

The medal is awarded annually in H. H. The Maharaja's University College, Trivandrum, to the student who passes highest from the College in the B. Sc. Honours Degree Examination of the Travancore University in Mathematics after the minimum period of study and in the first year of his appearing for the examination.

The medal is made of gold not lower in carat than a sovereign and it has inscribed on one side, the name of the winner and on the other, the name of the College and the words "K. V. Natesa Aiyar's Sri Mulam Rama Varma Maha Raja Medal". The value of the medal including the cost of making it shall be Bh. Rs. (50) fifty.

XXXIII. THE NAGAM AIYA MEDAL

The medal is awarded annually by the Syndicate, to the student of the final Year Honours Class in History and Economics, who writes the best essay on a subject relating to the History of Kerala, its monarchical traditions and principles, to be prescribed from year to year, in consultation with the founder.

The College of Engineering, Trivandrum.

The College of Engineering was opened in July 1939.

It provides instruction for Degree, Diploma and Certificate courses in

(i) Civil Engineering,
(ii) Mechanical Engineering, and
(iii) Electrical Engineering.

The College is housed in the buildings formerly used for the Office of the Chief Engineer to Government and for the residence of the Chief Engineer.

The College Workshops form part of the Central Workshops of the P. W. D. and include Machine Shop (Metal and Wood), Fitters' and Erectors' Shops, Carpenters' and Pattern-makers' Shop, Foundry and Smithy and Electricians' Shop.

STRENGTH AND RATE OF FEES.

Class.	*Number of students.*	*Fees.*
Degree	86	Tuition fee of Bh. Rs. 200 per annum. Stationery fee of Bh. Rs. 5 per annum.
Diploma	79	Tuition fee of Bh. Rs. 80 per annum. Stationery fee of Bh. Rs. 4 per annum.
Certificate	68	Bh. Rs. 8 per annum.

Athletic and library fees at the rate of Bh. Rs. 4 and Bh. Rs. 2 respectively, per annum, will be levied from each student in the Degree and Diploma Classes.

Games etc. Provision is made for foot-ball, hockey, volley-ball, badminton, Tennis, Cricket and Basket ball.

H. H. The Maharaja's College for Women, Trivandrum.

This institution, originally a school for Christian girls, was taken over, reorganised and opened to all castes by the Travancore Government in 1864, from which date it was known as the Sirkar Girls' School. It was recognised as a High School by the University of Madras in 1890.

In 1895, it was reorganised with an increased staff under the name of H. H. The Maharaja's High School for Girls, and on the institution being affiliated as a Second Grade College in January 1897, the designation was changed to H. H. the Maharaja's College for Girls.

Training classes for teachers were opened in January 1904, and continued to be attached to the College till the end of 1920, when they were separated from the college and accommodated in a building of their own. In June 1921, the High School also was separated from the college, and now the college works alone under its new name, H. H. the Maharaja's College for Women. The present buildings were occupied in June 1923.

In July 1928, the College was further affiliated in Natural Science of the Intermediate course and in the B. A. degree course in Part I, English Language and Literature, and Part II. Group IV-A History and Economics, and Group V—Malayalam & Sanskrit. In July 1929, further affiliation was obtained in Indian Music of the Intermediate Course and in Group (1—B) Mathematics with Astronomy and Analysis as special subjects of the B. A. Degree course.

In June 1937, the B. A. classes in the College were suspended.

From 1938-39 the College is working under the University of Travancore.

Strength at the end of 1116 { Junior Intermediate—186. Senior Intermediate—109.

SCHOLARSHIPS, PRIZES AND MEDALS.

1. Two Maharaja's Scholarships of the value of Rs. 7½ each per mensem are awarded to the two best students of H. H. The Maharaja's E. H. School for Girls, Trivandrum, who join this College for the Intermediate Course. Maharaja's Scholarships of the value of Rs. 7½ per mensem are also awarded to the best students from other schools who join this College for the Intermediate Course.

2. Two Ammukutty Rajagopalachary Scholarships of Bh. Rs. 10 each per mensem, one in the Junior Intermediate Class and the other in the Senior Intermediate Class.

3. K. V. Natesa Aiyar's Sethu Lekshmi Bai Maha Rani Regent Medal of the value of about Bh. Rs. fifty is awarded annually to the student who passes highest from this College in the Intermediate Examination after the minimum period of study and in the first year of appearing for the examination.

Hostel:—Admission to the Hostel is limited to 30.

Sanskrit College.

The institution was started in 1889. Instruction was originally imparted in Veda, Kavya and the Sastra Branches of study. The management of the Veda Section was from 1110 transferred to the Devaswom Department. Till 1094 the College was housed within the Fort and the students, only Brahmins, were all given free boarding. Later, free boarding was discontinued and scholarships were awarded instead.

The courses of studies were reorganised in 1917 and the College was placed under a graduate Principal conversant with Sanskrit and Malayalam. The College was made accessible to all classes of people. It continued to work as per the reorganised scheme till its affiliation to the University of Madras in July 1936 and to the University of Travancore in 1938.

Provision is made for the following courses of studies in the College.

A. COLLEGE SECTION.

(1) *Sanskrit Entrance Course.* Holders of the Travancore Government Sastri Test Certificates are admitted to the Entrance Course which extends for a period of one year, and those who pass the Entrance Examination conducted by the University are admitted to the first Mahopadhyaya Class.

(2) *Siromani Course.* The last batch of students for the Siromani Course of the Madras University appeared in March 1941 for the Nyaya, Sahitya and Vyakarana branches.

(3) *Mahopadhyaya Course.* Mahopadhyaya class as per the new scheme of the Travancore University was opened from the beginning of the academic year 1938-39. Instruction is imparted in various branches such as Nyaya, Sahitya, Vyakarana, Jyotisa and Vedanta.

B. KAVYA SECTION.

Since the starting of the University, the Kavya or High school Department has been placed under the Director of Public Instruction and the Principal exercises supervisional and inspectional authority over the institution. The course extends for 6 years. A Final Examination called the Government Sastri Test Examination is conducted annually for qualifying the students for admission to the entrance course. The Sastri course is designed to give the candidates a grounding in (a) Sanskrit Literature, Practical Grammar, Elementary Dialectics and Rudiments of Poetics and Prosody, the instructions being given in Sanskrit; (b) Malayalam Language and Literature; History, Geography and Arithmetic are taught in Malayalam; (c) English Language, Grammar and Composition commencing from the III year class.

The strength at the end of 1117 was 245 in the Kavya Section and 98 in the College classes.

SCHOLARSHIPS, PRIZES AND MEDALS.

Dewan Rama Row Sanskrit College Prize—The interest accruing from the endowment of the value of Rs. 600 is placed at the disposal of the Principal, Sanskrit College, for awarding a prize in the form of suitable books to the candidate who gets the highest rank in the Mahopadhyaya Examination.

SCHOLARSHIPS.

Government have sanctioned the twenty scholarships tenable in the College being re-distributed as follows:—

(1) Five scholarships of the value of Rs. 7½ per mensem to be awarded to five pupils of the Mahopadhyaya Class fourth year.

(2) Five scholarships of the value of Rs. 5 per mensem to be awarded to five pupils of the Mahopadhyaya class third year.

(3) Five scholarships of the value of Rs. 5 per mensem to be awarded to five pupils of the Mahopadhyaya class second year.

(4) Five scholarships of the value of Rs. 5 per mensem to be awarded to five pupils of the Mahopadhyaya Class first year.

RULES OF ADMISSION.

Admission to the Entrance class is given only to boys or girls who have passed the Sastri Test Examination conducted by the Travancore Government.

Admission to the Preliminary class is given to those who have passed the Sanskrit Entrance Examination of the University.

Admission to the Kavya Section is restricted to those who have satisfactorily completed the course of instruction prescribed for Class IV of a vernacular school.

EXAMINATION BOARD.

A Board for the conduct of the Government Sanskrit Examinations is formed with the Principal as ex-officio chairman of the Board and four members appointed by the Director of Public Instruction on the recommendation of the Principal, Sanskrit College, Trivandrum, each year.

The Union Christian College, Alwaye.

The Union Christian College, Alwaye, was founded in June 1921, as the result of a desire among some of the Christian Churches in Travancore and Cochin for co-operation in educational work. The institution is managed by a Council including members from "The Malankara Syrian Church," "The Mar Thoma Syrian Church" and the Diocese of Travancore and Cochin in the Church of India, Burma and Ceylon.

The College began work in June 1921, with the Junior Intermediate Class in Group iii (Histories, Logic and Malayalam). It now offers instruction in Groups i, ii, and iii (Mathematics, Physics, Chemistry, Natural Science, Ancient History, Modern History and Logic) of the Intermediate Course, in Group I (Mathematics) and group III (Physics main and Mathematics subsidiary) of the B. Sc course and in Groups i-a (Philosophy), i-b (Philosophy and History), ii-a (History and Economics) and ii-b (Economics and History) of the B. A. Degree Course.

The College is an almost entirely residential institution, only students living with their parents or guardians being normally exempted from the obligation to reside in the hostels.

It now owns about 50 acres of land including the 20 acres which were originally granted to it by the Government of Travancore, 2 blocks of College buildings—one for Science and the other for Arts—and 5 blocks of hostel buildings, besides several mess houses for students and residential quarters for Wardens.

The College decided to admit lady students to all courses of studies from the beginning of the academic year 1939-40.

The total strength of the College is 438, of whom 295 are in the Intermediate Classes and 143 in the B. A and B. Sc. Classes. Of these, 288 live in the College Hostels and the rest in homes with parents or guardians or in lodgings approved by the College.

Games and other athletic activities are a special feature of the life of the hostels.

The Alwaye Settlement, a school for Backward Classes, conducted by old students of the College in close association with some of the members of the College staff, serves as an inspiring example of devoted social service, to all present students of the College.

From the time of the starting of the College and especially since its development as a First Grade College, the Chnrch Missionary Society has been taking a keen interest in the institution and helping it with men and money. The Society is maintaining one of its missionaries to work as a member of the College Staff.

FEES.

The annual class fee for the Intermediate Course is Rs. 84. Laboratory fees are levied at the rate of Rs 4 for Physics, Rs. 6 for Chemistry and Rs. 3 for Natural Science per annum.

The annual class fee for the B. A. and B. Sc. Courses is Rs. 112. A laboratory fee of Rs. 12 per annum is collected from the students of Gronp III (Physics) of the B. Sc. course.

SCHOLARSHIPS, EXHIBITIONS AND PRIZES

Intermediate.

1. One scholarship of the annual value of Rs 90 and two scholarships of the value of Rs. 60 each tenable for two years are awarded in the Junior Intermediate Class on the basis of the marks obtained by the applicants in the E. S. L. C. Examination.

2. A few Exhibitions of the value of Rs. 42 each tenable for two years are awarded in the Junior Intermediate Class to poor and deserving etudents, special consideration being given to students belonging to backward communities and those who live in the College Hostels.

3. H. H. the Maharaja's scholarships awarded on the basis of the marks in the School Final Examination, are tenable for two years in the Intermediate Classes in this College.

4. Merit prizes are awarded in the Senior Class on the basis of the examinations in the Junior Class.

B. A and B. Sc. Classes.

1. A few scholarships of Rs. 56 each tenable for two years are awarded in the Junior B. A. and B. Sc Classes to those who have secured a First Class in the Intermediate Examination.

2. A few Exhibitions of Rs. 56 each tenable for two years are awarded in the Junior B. A. and B. Sc Classes to poor and deserving students, special consideration being given to students belonging to backward communities.

3. Merit prizes are awarded in the Senior Class on the basis of the Examination in the Junior Class.

4. H.H. the Maharaja's scholarships awarded on the basis of the marks in the Intermediate Examination, are tenable in the College.

St. Berchmans' College, Changanacherry.

The St. Berchmans' College is a First Grade College admitted to the privileges of the Travancore University. This College is the crowning achievement of the Catholics of the State in the field of education. It tops the list of the numerous Catholic educational institutions of the State comprising about 28 High Schools and numerous Middle and Primary schools.

The High School section of the College was started in 1891 by Mgr. Charles Lavinge S. J., first resident Bishop in Changanacherry. About the year 1920 the public began to agitate for more facilities for higher education. The Government authorities called for private agencies to undertake the task and promised financial aid. Dr. Kurialacherry, Bishop of Changanacherry, encouraged by the favourable attitude of the Government, took active steps to start the College.

The College was affiliated in Group III of the Intermediate course in 1922. In 1925, Groups I and II of the Intermediate were started. In 1927, the College was raised to the First Grade with Botany and Zoology. In 1928, Mathematics also was started. In 1934, the College was further affiliated in the Economics Group of B. A. Pass Course. In 1938 the College was further affiliated in Part II, Sanskrit for B. A. and in Part II, Syriac for B. A. and Intermediate.

The College gives instruction in the Intermediate Course in English, Malayalam, Sanskrit, Syriac, Mathematics, Physics, Chemistry, Natural Science, Histories and Logic and in the B.A. Course in English, Malayalam, Sanskrit, Syriac, Mathematics, Botany, Zoology and Economics.

The four Hostels managed by the College give accommodation to about 254 students.

The present strength of the College is 583.

Rates of Fees (excluding special fees) Intermediate Group I—Rs. 94, Gr. II -Rs. 97, Gr. III—Rs. 85, B. Sc. Mathematics—Rs. 112, Botany and Zoology—each Rs. 130, B. A. Economics—Rs. 112.

SCHOLARSHIPS.

To help deserving students the College offers 23 scholarships in all, of various types; 15 of which are awarded in the Junior Intermediate class and 8 in the Junior B. Sc. or B. A. class.

The value of the scholarship in the Intermediate class is either Rs. 85 or 40 and of that in B. Sc. or B. A. class is either Rs. 112 or 80 or 56.

C. M. S. College, Kottayam.

This College is the second oldest College in India giving English education—the first was Serampore and the C. M. S. College, Kottayam had its beginning about the year 1816. The College is at present a Second Grade College admitted to the privileges of the Travancore University. Up till 1938 it was affiliated to the Madras University. It is the natural development of the English School which was started in Kottayam on the advice of Col. Munro, the Resident, about 125 years ago by the early Missionaries of the C. M. S. in association with the authorities of the Malabar Syrian Church. This educational enterprise received considerable encouragement from the Royal family. H. H. Rani Lakshmi Bai and H. H. Rani Parvathi Bai made substantial endowments in furtherance of the enterprise, the most notable of these endowments being the gift of a large tract of land on the edge of the Ashtamudi lake known as the Munro Island. The income from this land has been used all these

years for the furtherance of the education of Syrian young men and now young women also, in this College. This educational work which was originally carried on in the buildings now known as the Old Seminary, was transferred in 1838 to the buildings on the present site. The original building is still in regular use for the preparatory classes of the High School and still bears its old name of the Grammar School. The school which was usually spoken of as a College was affiliated to the Madras University soon after its incorporation in 1857—the first batch of students for the Matriculation Examination was sent up in 1862. With the spread of education, the demand for a College became insistent and representations were made to the C. M. S. authorities in England by the old students and friends of the Institution to raise it to a First Grade College. The C. M. S. granted this request and as a first step, affiliated the Institution as a Second Grade College and the F. A. class was started in 1892 and the College and School classes were held in the same buildings. In 1909, with the organisation of the Intermediate course a separate block of buildings was erected for the College section and in 1910 the College classes were transferred thither. The College was then affiliated for giving instruction in English, Malayalam, Sanskrit, Mathematics, Physics Chemistry, Ancient History, Modern History and Logic. In 1923, the College was further affiliated in Natural Science and in 1927, Indian History was also added to the subjects of instruction. Hindi is also taught now as an additional language. The most recent development has been the admission of women students in 1933 and a fine new hostel has recently been completed in the present year 1941 at a cost of Rs. 12,000. The men students' Hostel which accommodates 45 students is situated in the College compound The College has been a popular Institution with all communities and numbers many distinguished men in Church and State among its sons It has always had a great tradition for sports and the playing fields are the finest of any educational institution in the State. The ultimate responsibility as regards policy and finance rests with the Church Missionary Society in London which has entrusted the management to a local Governing Board.

Students are prepared for the Intermediate Examination of the University of Travancore comprising the following three parts :—

Part I—English.

Part II—Malayalam and Sanskrit.

Part III—Optional subjects :— Gr. I Mathematics, Physics and Chemistry.
Gr. IA Mathematics, Physics and Logic.
Gr. II Natural Science, Physics and Chemistry.
Gr. IIIA Modern History, Ancient History and Logic.
Gr. IIIB Modern History, Indian History and Logic

FEES.

Ordinary—Rs. 96 per annum (for all groups)

Special —			
Science—	Rs. 12	do.	(for Gr. I & II)
	Rs. 6	do.	(for Gr. IA)
Library & Reading Room	—Rs. 3	do.	(for all groups)
Games	—Re. 2/8	do.	(for all groups)
Medical Inspection	Re. 1	do.	(for Junior Intermediate)
Stationery.	As. 8	do.	(for all groups)

Hostel room rents vary from Rs. 2 to Re. 3

Number on rolls as on the 1st Chingom 1117. Class II 129
Class I 172

SCHOLARSHIPS.

There are 12 scholarships awarded chiefly on the results of the E. S. L. C. Examination, besides others given on the results of competitive examinations.

Scott Christian College, Nagercoil.

This institution, which was opened in 1819 as a School under the name of 'Nagercoil Seminary,' gradually developed and became a Second Grade College in 1893. It is open to students of all classes. It is managed and maintained by the London Missionary Society.

The College buildings, in a large open compound, are commodious and up-to-date. The two hostels can accommodate over fifty students in single rooms, and are situated in a fine compound of about five acres at the top of a hill about half a mile from the College.

The College was early affiliated in Groups I and III of the old Intermediate Course. Group II was added in 1926. The College is at present affiliated in the Intermediate Course as follows :—

Part II—Sanskrit, Tamil and Malayalam.

Part III—Mathematics, Physics, Chemistry, Biology, Ancient History, Modern History, Logic, Sanskrit, Tamil and Malayalam.

There is a well-stocked Library of about 9,000 volumes.

Ample provision is made for games. Football, volley-ball, badminton, basket-ball and tennis are played, in addition to less formal games.

There are scholarships and prizes endowed to the memory of the Rev. J. Duthie and the Rev. G. Parker, former Principals, and of Mr. Nanoo Pillai and Mr. Rama Rao, old students of the College who became Dewans of Travancore. There are also the Baylis Hacker Scholarships available to Christian students from the Neyyoor District, and the Paul Memorial Prize for Mathematics. The Whitley Fund enables Christian students living in the hostels to pay very low rents for their rooms. Rs. 6 per term is the maximum Hostel room rent.

The class fees are B. Rs. 90 a year, with small Science and Games fees.

Technical Institutions in the Department of Industries.

No.	Name of institution.	Strength at the end of 1116.	Subjects taught.	Whether it prepares candidates for the M. G. T. Examination.	Scholarships tenable	Rates of fees.
1	The S. M. R. V. Technical Institute, Nagercoil.	31	Weaving, Drawing, Hand Spinning and Hand Dyeing.	Yes.	I year Rs. 3. I year Rs. 5. I year Rs. 7.	Nil.
2	Government Commercial School, Alleppey.	36	Theory and Practice of Commerce, Banking and Economics, Commercial Geography, Shorthand, Typewriting, Co-operation, Auditing and Operation of the Comptometer.	Yes.	Nil.	Typewriting and Comptometer Rs. 12 Other Subjects Rs. 6. (First term) Typewriting and Comptometer Rs. 6, Other subjects Rs. 3. (Second term)

Grant-in-aid Technical Schools under the control of the Industries Department.

No.	Name of Institution.	Strength at the end of 1117.	Subjects taught.	Whether it prepares candidates for the Madras Government Technical Examinations.
1	Puthalam Orphanage Industrial School, Parakka	26	Cotton weaving	Yes.
2	Kanimadam Weaving School, Kottaram	24	Do.	Do.
3	Neyyoor Weaving Institute, Eraniel	57	Do.	Do.
4	St. Joseph's Weaving School, Puthencada, Thiruvettar	12	Do.	Do.
5	K.R.V. Weaving Institute, Mekamandapam	12	Do.	Do.
6	Y. M. C. A. Industrial School, Marthandam	12	Do.	Do.
7	Sahayavilasom Weaving School, Piracode, Parassala	24	Do	Do.
8	Kamala Vilasom Weaving School, Kollencode	12	Do	Do.
9	St. Joseph's Weaving School, Pulluvila, Nellikkakuzhi	24	Do	Do
10	Dharma Vilasom Weaving School, Pariswakal, Parassala	12	Do.	Do.
11	Thirupuram Weaving School, Poovar	50	Do.	Do.
12	Sri Velayudha Vilasom Weaving School, Arumanoor, Poovar	24	Do.	Do.
13	Kuttaninnathu Weaving School, Nellikkakuzhi	26	Do.	Do.
14	Little Flower Weaving School, Pulluvila, Nallikkakuzhi	26	Do.	Do.
15	Muttakad Weaving School, Venganoor	26	Do.	Do.
16	Kalathanui Weaving School, Nellikkakuzhi	24	Do.	Do
17	Vittivilla Weaving School, Balaramapuram	12	Do.	Do.
18	Chankal Weaving School, Amaravila	25	Do.	Do.
19	Chempur Weaving School, Ottasekharamangalam	24	Do.	Do.
20	Kodankara Weaving School, Amaravila	24	Do.	Do.
21	Paraniyam Weaving School, Poovar	24	Do	Do.
22	Advantpuram Weaving School, Amaravila	36	Do.	Do.
23	Arayoor Weaving School, Amaravila	26	Do.	Do.
24	Sri Rama Vilasom Weaving School, Balaramapuram	24	Do.	Do.
25	Kottukal Charivuvila Weaving School, Nellikkakuzhi	25	Do.	Do.
26	L. M. S. Carpentry School, Parassala	24	Carpentry	No.
27	Sri Chithira Vilasom Weaving School, Venganoor	24	Cotton weaving	Yes.
28	Kulathoor Weaving School, Poovar	12	Do.	Do.
29	Sri Yesu Aaramam Weaving School, Kunnapuzha	39	Do.	Do.
30	Sarvamangala Industrial School, Palkulangara	17	Do.	Do.
31	R. V. Drawing and Painting Institute, Fort, Trivandrum	25	Drawing and Painting	Do.
32	St. Mary's Weaving School, Poonthura	33	Cotton weaving	Do.
33	Sri Padma Vilasom Weaving School, Manakad, Chalai	15	Do.	Do.
34	Sri Krishna Vilasom Weaving School, Nedumangad	15	Do.	Do.

GRANT-IN-AID TECHNICAL SCHOOLS.—(*contd.*)

No.	Name of Institution.	Strength at the end of 1117.	Subjects taught.	Whether it prepares candidates for the Madras Government Technical Examinations.
35	Das Vilasom Weaving School, Chullimanoor, Nedumangad	12	Cotton weaving	Yes.
36	S. N. D. S. Orphanage Weaving School, Varkala	15	Do.	Do.
37	Shunmukha Vilasom Weaving School, Keezhattingal, Attingal	24	Do.	Do.
38	Bhagavathy Vilasom Weaving School, Chirayinkil	12	Do.	Do.
39	Attingal Weaving Institute, Attingal	24	Do.	Do.
40	Sri Kriahna Vilasom Carpentry School Keezhattingal	24	Carpentry	No
41	Sri Sarada Vilasom Smithery School, Coonthalloor	16	Smithery	Do.
42	Pulimath Krishna Vilasom Weaving School, Vamanapuram	12	Cotton weaving	Yes.
43	Nazarath Orphanage Weaving School, Ithicara, Chathannur	24	Do.	Do.
44	R. V School of Painting, Mavelikara	29	Drawing and Painting	Yes
45	Onattukara Weaving School	65	Cotton weaving	Do.
46	Chettikulangara Mat Weaving School	15	Mat weaving	No
47	St. Joseph's Weaving Institute, Changanacherry	24	Cotton weaving	Yes
48	St. Patrick's Weaving School, Mundakayam	24	Do.	Do.
49	C. M. S. Weaving School, Thiruvella	18	Do.	Do.
50	St. Mary's Weaving School, Kallooppara	48	Do.	Do.
51	Padmodayam Weaving School, Pirallassery	12	Do.	Do.
52	C. M. S. Industrial School, Kottayam	22	Carpentry and Smithery	No
53	St. Marry's Weaving School Pampady	31	Cotton weaving	Yes
54	Kumara Vilasom Weaving School, Kumarakom	14	Do.	Do.
55	Thuravoor Weaving School	21	Do.	Do.
56	Bhagavathy Vilasom Weaving School, Uzhuva, Pattanakad	14	Do.	Do.
57	Lakshmi Vilasom Weaving School, Thuravoor	12	Cotton weaving	Yes
58	Vechoor Subhodayam Weaving School	13	Do.	Do.
59	St. Rita's Weaving School, Kattoor, Kalavoor	17	Do.	Do.
60	Nirdhanamitram Cottage Industries School, Pizhaku, Ramapuram	12	Do	Do.
61	St. Thomas Weaving School, Mookannoor, Angamaly	24	Do.	Do.
62	The Alwaye Settlement Carpentry School	27	Carpentry	No.
63	Sri Chithrodayam Weaving School, Kunnathur	24	Cotton weaving	Yes

GRANT-IN-AID TECHNICAL SCHOOLS—(*concld.*)

No.	Name of Institution.	Strength at the end of 1117.	Subjects taught.	Whether it prepares candidates for the Madras Government Technical Examinations.
64	Kattakada Weaving School	24	Cotton weaving	Yes.
65	Devi Vilasam Weaving School, Peringilipuram	13	Do.	Do.
66	Venoulam Weaving School	24	Do.	Do.
67	Kerala Hindu Mission Weaving School, Trivandrum	19	Do.	Do.
68	P. R. D. S. Weaving School, Iraviperoor	24	Do.	Do
69	Thirumala Weaving School for Girls	12	Do.	Do.
70	Sri Yesu Asramam Technical School for Girls, Kunnapuzha	37	Do.	Do.
71	Sri Krishna Vilasom Weaving School for Girls, Keezhattingal	24	Do.	Do.
72	Saraswathy Vilasom Weaving School for Girls, Kadakavur	24	Do.	Do.
73	Selvamoney Manas Vilas Weaving School, Palliyady	12	Do.	Do.
74	Sadhusamrakshanarthy Weaving School, Perumpuzhai	12	Do.	Do.
75	S. N. Pillai's Weaving School for Girls' Attingal	24	Do.	Do.
76	Chittattinkara Mat Weaving School, Attingal	22	Mat weaving	No.
77	St. Mary's Weaving School, Kanom	24	Cotton weaving	Yes.
78	St. Thomas Weaving School, Thottakad	24	Do.	Do.
79	Little Flower Mat Weaving School, Payipad	13	Mat weaving	No.

DEPARTMENTAL RURAL LIBRARIES.

With a view to the development and expansion of the Library movement in the State and the provision of facilities for adult education, Government, in December 1935, sanctioned the introduction of a Rural Library System in the State. In each of the four Educational Divisions, 15 suitable Departmental Primary Schools were selected, predominantly in rural areas, where library facilities did not exist; and a library and reading room was started in each of these schools towards the middle of 1111 M. E. Of the 60 rural libraries started during that year, 57 are Malayalam libraries and 3 Tamil ones. An allotment of Rs. 100 was made for each library for furniture and appliances.

The Headmasters of the schools in which Rural Libraries are housed are the Honorary Librarians. The Honorary Librarians are assisted by a Committee of 3 members nominated by the Assistant Inspector. The nominated members of the Committee hold office for 3 years, but are eligible for re-appointment. The Committee meets as often as the Honorary Librarian may consider necessary for the transaction of business. The Honorary Librarian keeps a record of the proceedings of such meetings. The Committee may make suggestions and proposals for the better working of the Library. The correspondence of the Committee is carried on by the Honorary Librarian. The Division Inspectors and the Assistant Inspectors inspect the libraries in their usual tours and report on their working to the Director of Public Instruction.

The use of the Library and Reading Room is free to the men and women of the locality. Applications for admission as subscribers should be addressed to the Honorary Librarian in the prescribed form. Subscribers to the Library shall pay a monthly subscription of Chs. 2 or 3 according as they borrow 1 or 2 books respectively at a time. Subscription for each month shall be payable in advance. Subscribers may suspend their subscription for one month or longer, provided that previously they give notice in writing to the Honorary Librarian and return all books in their possession and pay all outstanding dues. Subscribers shall deposit Chs. 14 with the Honorary Librarian before taking out books from the Library. The balance of the deposit, if any, after deducting all dues to the Library will be returned to the subscriber, when he or she ceases to be such.

The Library and Reading Room shall be open between 4·15 P. M. and 6·15 P. M. during working days for the school and between 8 A. M. and 11 A. M. and between 3 P. M. and 7 P. M. during other days (including Sundays) except a few specified holidays.

The Librarians are paid a monthly allowance of Rs. 3 each for their work. A fixed grant of Rs. 3-21-0 per mensem is also sanctioned to each library for meeting the contingent charges. In 1112, six additional libraries were started (5 Malayalam libraries and 1 Tamil). During 1113, 6 more Rural Libraries were started,

During the year 1114, 6 more Rural Libraries were started (5 Malayalam and 1 Tamil). During 1115 also, 6 more Rural Libraries were started of which 1 was Tamil and 5 were Malayalam. The practice of opening new Rural Libraries was continued in 1116 also and 6 Libraries (one Tamil and five Malayalam) were opened during the year. During 1117 also two Rural Libraries (one Malayalam and one Tamil) were opened. The total number of Departmental Rural Libraries in the State was thus raised to 92 as against 90 in the year 1116.

Contributions of books are also being received from the public in a large number of centres. The Department is subscribing for a daily and a weekly paper and 2 monthly magazines for each library. Copies of the Malayalam Almanac, State Administration Report in Malayalam and the Public Health Bulletins published by the Department of Public Health are also supplied free of cost to each library.

The people of the Rural areas where the Departmental Rural Libraries are started, are taking keen interest. Besides those who make a free use of the Reading Rooms attached to these libraries, there are men and women subscribers.

A savings bank account is opened in the name of the Honorary Librarian in the nearest Treasury or Anchal Office to remit the deposits collected from the subscribers. The accounts are pledged to the Assistant Inspector of the District. Amounts collected as deposits are entered both in the deposit register and in the cash book and remitted into the Treasury to be credited in the Pass Book. The monthly fees collected from the subscribers are entered in the subscription register and in the cash book and remitted into the Treasury twice a month.

A monthly statement of accounts showing the daily receipts and payments supported by vouchers and chalans is submitted to the respective Assistant Inspectors for scrutiny and record.

Aided Libraries.

There are at present 62 Reading Rooms and Libraries which are aided by the Education Department. Apart from the amount received from Government in cash as grant, these institutions are also allowed certain concessions with regard to the supply of Government publications. These institutions are supplied with copies of the following publications free of cost :—

1. Budget.
2. Administration Report.
3. Almanac and Directory.
4. Statistics of Travancore.
5. Annual reports of all the Departments of the State.
6. Malayalam Calendar.

All these aided institutions (both Urban and Rural) are also supplied with the Travancore Government Gazette at half the usual rates.

In recent years, there has been a distinct increase in the number of new Reading Rooms and Libraries.

As regards the actual amount of grant to be sanctioned, the following facts have been invariably considered as the deciding factors :—

(*a*) the general progress of the institution judged by its membership, the number of volumes of useful books it possesses, the number of persons benefited by the institution during the year etc., and

(*b*) the amount advanced by the management towards the purchase of new books and for subscribing for newspapers for the use of the institution.

The Rules for the award of grant-in-aid to Reading Rooms and Libraries and a list of the institutions that have been awarded grant this year are subjoined.

Rules Relating to Grants for Libraries and Reading Rooms.

1. *Definition.* Under these rules 'Library' means a collection of books that may be issued to persons for perusal. 'Reading Room', in addition to all that is included by 'Library' implies the existence of a room on the premises in which persons may read. Libraries and Reading Rooms may or may not be supplied with periodicals and newspapers.

2. *Conditions of eligibility for grant.* Libraries and Reading Rooms in the State shall be eligible for grant-in-aid from Government, provided they satisfy the following conditions:—

(*a*) They shall be under the management of a committee and office-bearers approved by the Director.

(*b*) They shall be freely open to the public for purposes of consultation.

(*c*) They shall be entirely undenominational.

(*d*) The Library and Reading Room Rules should have been approved by the Director.

(*e*) Each Library or Reading Room shall contain a minimum of 200 approved books.

(*f*) The minimum guaranteed annual income from subscriptions should not be less than Rs. 40.

3. *Accommodation for Libraries.* Separate buildings are necessary to accommodate Libraries and Reading Rooms.

Authorities of aided Reading Rooms and Libraries are expected to exercise the greatest care in granting the use of their buildings or premises for meetings of any kind which are not connected with the ordinary purposes of the institutions. Permission should only be given on receipt of a written application from a responsible party stating the hours within and the purpose for which the meeting is to be held. In no case shall the building or premises of any aided Reading Room and Library be granted for a meeting in connection with any political agitation directed against the authority of Government, or for the discussion of subjects which are calculated to cause ill-feeling between different sections of the community.

4. *Accounts, Records and Registers.* Complete accounts, registers and records should be maintained in the Library and Reading Room and these shall be open to inspection by the Assistant Inspecting Officers.

5. *Books and Periodicals.* Books and periodicals vetoed by the Director shall not find a place in any Library or Reading Room aided by Government.

6. Applications for grant, in the form prescribed, shall be made not later than the 1st Kanni each year to the Assistant Inspecting Officer, a copy of the application being simultaneously sent to the Director. The Assistant Inspecting Officer shall forward the application to the Director through the Chief Inspecting Officer.

Each application for grant shall be accompanied by—

(i) a copy of the Library and Reading Room Rules.

(ii) a complete list of books in the Library or Reading Room and of periodicals subscribed for.

NOTE. The Assistant Inspecting Officers concerned shall inspect the Libraries and Reading Rooms and report on the applications for grant submitted to them.

7. *Maximum amount of grant.* The maximum amount that may be sanctioned as grant for an institution shall not in any one year exceed Re. (200) two hundred.

8. *Building grants and furniture grants.* Building grants and furniture grants to Libraries may be awarded under the provisions of Chapter XV of the Education Code.

9. The authority competent to sanction grant under these rules is the Director of Public Instruction.

10. *Payment of grants.* The annual grant shall be paid in four instalments ordinarily in Tulam, Makaram, Medom and Karkadagom on bills countersigned by the Assistant Inspecting Officers.

11. *Infringement of rules.* Grants are liable to be withdrawn by the Director for infringement of any of the rules.

Grant-in-aid Libraries.

A. Urban Libraries.

Serial No.	Name.	Taluk.
1.	Nagercoil S. M. R. V Club	Agastiswaram
2.	Vanchiyoor Sri Chitra Tirunal,	Trivandrum
3.	Karamanai S. M. R. V.	Do.
4.	Malloor Vilasom, Attingal	Chirayinkil
5.	Kottayam Reading Room and Library	Kottayam
6.	Sri Karthika Thirunal Reading Room and Library for Ladies, Kottayam	Do.
7.	Bharathivilasam, Reading Room and Library, Karapuzha	Do.
8.	Kandiyoor Jnanapradayini Reading Room and Library	Mavelikara
9.	Sri Chithra Memorial Club, Parur	Parur
10.	Kerala Varma Reading Room and Library, Haripad	Karthikapally
11.	Sri Moolam Reading Club, Shencottah	Shencottah
12.	Temple Entry Memorial Reading Room and Library, Kandiar	Trivandrum
13.	C. V. Memorial Reading Room and Library, Thaikad	Trivandrum

B. Rural Libraries.

1.	Swami Vivekananda Reading Room and Library, Cape Comorin	Agastisvaram
2.	Theroor Shenthamil Kazhakam Reading Room and Library	Do.
3.	Shanmugananda Sabha Reading Room and Library, Marungoor	Do.
4.	Sankaravilasam Reading Room and Library, Parassala	Neyyattinkara
5.	Y. M. C. A. Reading Room and Library, Paraniyam	Do.
6.	Srikrishnavilasom Reading Room and Library, Malayinkil	Do.
7.	Sri Narayana Memorial Reading Room and Library, Kulathoor	Trivandrum
8.	Rama Vilasom Reading Room and Library, Thirumala	Do.
9.	Sri Utradam Thirunal Reading Room and Library, Chirayinkil	Chirayinkil
10.	Godavarma Vilasom Reading Room and Library, Kilimanoor	Do.
11.	Juvenile Ravi Vilasom Reading Room and Library, Kilimanoor	Do.
12.	Padmanabha Rao Memorial Reading Room and Library, Nedumgolam	Quilon
13.	Sri Chithira Tirunal Coronation Reading Room and Library, Adoor	Kunnathoor

Serial No.	Name.	Taluk.
14.	Lalaji Memorial Reading Room and Library, Padanayarkulangara	... Karunagappally
15.	Evoor Desabandhu Reading Room and Library, Cheppad	... Karthigappally
16.	Sri Mula Raja Vijayam Reading Room and Library, Keerikad	... Do.
17.	Leo XIII Reading Room and Library, Champakulam	... Ambalapuzha
18.	Sri Subramonia Vilasom Reading Room and Library, Ayiroor	... Thiruvella
19.	Sanathana Dharma Reading Room and Library, Kavalam	... Ambalapuzha
20.	Sri Balakrishna Vilasom Reading Room and Library, Ezhumattoor	... Thiruvella
21.	Sankaravilasom Reading Room and Library, Mundankavu, Chengannur	... Do.
22.	Vadasserikara Sri Mulam Recreation Club, Lahai	... Pathanamthitta
23.	Y. M. C. A. Reading Room and Library, Keezhukara	... Do.
24.	Sri Narasimha Vilasam Reading Room and Library, Thuravoor	... Sberthala
25.	Sri Mulam Shasbtiabdapoorthy Reading Room and Library, Ettumanoor	... Kottayam
26.	Sri Mulam Silver Jubilee Reading Room and Library, Thodupuzha	... Thodupuzha
27.	Sri Mulam Club, Devikulam	... Devicolam
28.	Sri Chitra Temple Entry Memorial Reading Room and Library, Elanthoor,	Pathanamthitta
29.	Mahatma Reading Room and Library, Methukummel	... Vilavankode
30.	Temple Entry Proclamation Memorial Reading Room and Library, Kurumuntal	... Quilon
31.	Changanacherry Smaraka Reading Room and Library, Iverkala	... Kunnathoor
32.	Mundakayam Free Reading Room and Library	... Changanacherry
33.	Kshethra Pravesana Smaraka Reading Room and Library, Amaravila	... Neyyattinkara
34.	Sir M. Habibullah Memorial Reading Room and Library, Poovar	... Do.
35.	Padmavilasom Reading Room and Library, Kadakavur	... Chirayinkil
36.	C. Krishnavilasom Reading Room and Library, Vakkom	... Do.
37.	Leo XIII Reading Room and Library, Kaipuzha	... Kottayam
38.	S. N. V. Reading Room and Library, Murukumpuzha	... Trivandrum

Serial No.	Name.	Tuluk.
39.	Bharatha Reading Room and Library Vellamadom ...	Thovala
40.	Vivekabhivardhi do. Thirupathisaram ...	Thovala
41.	Srikrishnananda do. Oyaravila ...	Agastiswaram
42.	Sri Chitra do. Elanthiyadi ...	Do.
43.	T. Sankaran Tampi Memorial do. Chavara ..	Karunagapalli
44.	Sanadhana Dharma do. Neelamperoor ...	Changanacherry
45.	S. N. D. P. Y. M. A. Reading Club Chettikad ...	Ambalapuzha
46.	Kerala Varma Memorial Reading Room and Library, Pandalam ...	Thiruvalla
47.	P. John Memorial English School old Boys' Reading Room and Library, Aimanom ...	Kottayam
48.	Sri Karthiyayani Vilasom do. Killroor ...	Do.
49	Sri Sethu Parvathi Bai do. Kudamalur ...	Do.

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Sri Chitra Reading Room and Library, Elanthayadiyoor.

President :—S. G. Nagamony Marthanda Nadar.
Secretary :—S. T. N. Marthanda Nadar.
Treasurer :—G. Vethamonikkam Nadar
Committee : —1. A. Thanumalayaperumal Nadar.
2. R. Gopalakrishnan Nadar.
3. G. Narayanan Nadar.
4. M. Thirumal Nader.
5-7. (3 office bearers.)

It was started on 1-1-1110. The institute is serving the public satisfactorily by suppling useful daily, weekly and monthly papers and also by maintaining a library. The Government after being convinced of its utility was gracious enough to give a grant of Rs. 20 for the year 1117.

Sree Kartika, Thirunal Ladies Reading Room, Kottayam.

The Sree Kartika Thirunal Ladies Reading Room and Library is the only one of its kind in Travancore.

This institution had its beginning in 1110 M. E. and is serving the females of the locality irrespective of caste and creed.

The library contains more than 2700 volumes in Malayalam, Hindi and English.

Members are admitted in three classes and arrangements are made to circulate the books at home.

Almost all current periodicals are being got down which are freely and regularly made use of by a good number of ladies.

The institution is open from 3 P. M. to 6 P. M. except on public holidays.

An yearly grant of Rs. 60 and Rs. 25 is awarded to the institution from the local Municipality and the Government respectively.

The Library is administered by a general committee consisting of 12 female members.

The following ladies form the present working committee.

Mrs R. K. Puduval (President) Mrs. Saramma Jacob (Vice President) Mrs. K. K. Panicker, Mrs. G. P. Nair, Mrs. N. Krishna Aiyar, Miss. Mariam Cherian, Miss K. Leelavathy, B. A., Miss T. G. Kaliyanikutty, Miss Annamma Kurian, Miss L. Vijayamma, (Secretary). Miss G. Padmavathiamma, Miss Kathija Beevi.

All enquiries may be addressed to the Secretary.

Sri Balakrishna Vilasom Reading Room and Library, Ezhumattoor, Tiruvalla.

(Established in 1109.)

The members of the institution are divided into three classes, 1st Class Rs. 3 per head per annum, 2nd Class Rs. 2 per head per annum and 3rd Class Re. 1 per head per annum.

The management rests in a committee of seven elected members, from whom a President, a Secretary, and a Correspondent are elected every year.

The Reading Room at present contains 1095 books, of which 252 are in English, 825 in Malayalam, 15 in Tamil and 3 in other languages.

The Malayala Rajyam daily, the Powradhwani daily, Powra prabha daily Deepika daily, and 8 of the up-to-date magazines, along with the Travancore Government Gazette are subscribed for. Besides, there are not less than 350 old magazines.

The utmost utility and progress it has, along with the help from the Government, in the form of a grant amounting to Rs. 15 for 1111, Rs. 20 for 1112, Rs. 25 from 1113 to 1117, have placed it certainly in good stead. There are, on an average, not less than 25 readers per day. There are 96 members at present of which 7 are women.

The Reading Room and Library, Kottayam.

(Established in August 1882.)

This is one of the oldest Reading Rooms in the State, founded by some enterprising citizens of the town with generous help and encouragement from the late Mr. T. Rama Rao, who was for some time Dewan Peishkar of Kottayam. In the early days it was working on a limited scale and was a part-time institution. The Government sanctioned a monthly grant in the year 1920 which is still in force. In 1938 the Reading Room and Library was converted into a full-time institution. At present the Reading Room and Library is open to the public from 9 A. M. to 1 P. M. and from 3 P. M. to 8 P. M. on all days except Sundays when it is open only from 4 P. M. to 8 P. M. There are three classes of members, first class members who pay a monthly subscription of Re. 1 and Chuckrams seven, second class members 14 Chuckrams and third class members 7 chuckrams. The management rests with a committee consisting of a President, an honorary Secretary and seven other members.

The present office bearers are :—

President — P K. Chacko Esqr, B. A.,
Honorary Secretary — M. K. Kuruvilla Esqr., Advocate.
Committee members :—
Messrs. K. Narayana Panikker B. A., B. L. Govt. Pleader.
N. M. Cheriyan
C. R. Venkittaraman M. A., B. L.
P. N. Kesavan, B. A., B. L.
P. I. Philip, B. com.
M. N. Govindan Nair, B. A., B. L.
Dr. A. G. Nair.

The Sankara Vilasom Reading Room and Library, Parassala.

(Established on the 30th Chingom 1091.)

At the close of 1117 the library had 2952 books which showed an increase of 82 volumes as against the previous year. (Malayalam 1768, Tamil 626, English 440, Sanskrit 101 and Hindi 8). Two dailies, the Malayala Rajyam and the Kerala Kounudi, one weekly, the Chitrayugam, two magazines, the Narada and the Ananda Bodhini and the Government Gazette are being got down.

The number of members which was 84 at the close of 1116 has by now gone up to 88. Of these 6 are women.

The Quilon Municipal Library and Reading Room, Quilon.

(Established in 1109.)

The Reading Room is free to the general public. The Library is kept open from 8 A. M. to 10 A. M. and from 4 P. M. to 8 P. M. The members of the library are divided into two classes. The first class members pay Chs. 14 per month and the second class members pay Chs. 7 per month. A first class member can take two books at a time and retain the same for a period of two weeks, while a second class member can take only one book at a time and keep the same only for one week. The entrance fee for both the classes of members is Re. 1.

There are now 30 first class members and 106 second class members. There are 632 English books, 667 Malayalam books, and 134 Tamil books in the Library. Important Periodicals (both in Malayalam and English) are subscribed for, for the Library.

The Library is affiliated to the Trivandrum Public Library.

The average visitors per day is 200.

Sri Mulam Shashtiabdapurthi Recreation Association Reading Room and Library, Lahai Estate, Vadasserikara.

(Founded in 1917 A. D.)

This institution was founded by the late Mr. J. A. Anderson in commemoration of the 60th Birthday Anniversary of H. H. the late Maharaja of Travancore.

Office-bearers.

President and Correspondent :	Mr. H. R. Carson Parker.
Vice-President :	Mr. M. H. Preston.
Honorary Secretary :	Mr. K. Mariasusai.
Committee Members :	Mr. P. M. Mathow.
	Mr. K. C. Cheriyan.
	Vacant.

Sri Karthyayani Vilasom Library and Reading Room.

(Established in 17-10-1104)
Kiliroor, Kottayam.

1 Any one paying an admission fee of chs. 4 and the monthly fee can be a member of the library. There are 3 classes of members A, B, & C. A class members have to subscribe 7 chs. per mensem. B class 4 chs. and C class 2 chs. A class members can take 2 books at a time and B and C class members one book each. There are 128 members, including 5 female members at present.

2. The management of the library rests with a committee of 9 members elected every year from among the members. A secretary selected from the members is in charge of the library under the direction of the committee. The President of the committee is the president of the Nair Co-operative society No. 88, Kiliroor. The Library and Reading room are housed in the spacious hall of the society.

Patron : M. R. Ry. M. R. Ananthanarayana Iyer, Avl.

President : 1 ,, C. K. Padmanabha Pillai Avl.
Secretary : 2 ,, C. K. Madhavan Pillai, Avl.
Committee Members: 3 ,, N. Kesava Pillai, Avl.
4 ,, N. Ramakrishna Kurup Avl.
5 ,, C. K Ramakrishna Pillai, Avl.
6 ,, A. N. Neelacanta Pillai, Avl.
7 ,, V. G. Krishna Pillai, Avl.
8 ,, K. Narayana Pillai, Avl.
9 ,, S. Ramakrishna Iyer, Avl.

3 No. of Books : 886 of which 755 in Malayalam. 126 in English and the rest in other languages.

4 The Reading Room is open free to general public from 7 A. M. to 10 A. M. in the morning and from 4 to 5 P. M. in the evening. Three malayalam daily papers, one weekly malayalam paper and the 'Hindu' are subscribed for for the Library. An average of 21 readers make use of the Reading Room, daily.

5 An amount of S. Rs. 15 has been granted by the Government in aid of the library fer the year 1117.

Sri Krishnananda Reading Room and Library, Osaravila, Parakai.

This was started under the auspices of the Osaravilai Gramabhivrithi sangom in 1112 Vaigasi. Besides working for the cultural advancement of the people the institution devotes special attention to run the literary and debating societies and also to facilitate hearty Co-operation and unity between Communities.

Mr. T V. Krishna Iyer, Nagercoil has made a donation of Rs. 50 and Mr. A. P. Perumal Nadar has made an endowment of land required for the building.

The new building was opened by Mr. T. V. Krishna Iyer on 18-12-1115.

The Reading room is free to the general public. The Library is kept open from 9-30 A. M. to 3-30 P. M. and from 6 to 9 P. M. daily. Number of readers recorded in the year 1117 were 14134.

Now there are 59 subscribers of whom 39 pay at chs 2, 16 at chs 4, 2 at chs 7 and 2 at Rs. 1 per mensem.

The Library contains 329 volumes of which 225 are in Tamil, 73 English ; 8 Malayalam and 23 General.

The Reading Room gets down one daily, 3 weeklies and 3 monthlies.

The Institution is managed by a Committee consisting of the following persons elected for one year.

President : Mr. P. Appavoo Nadar.
Vice President : ,, M. Shunmugathankavale Nadar.
Secretary : ,, A. P. Perumal Nadar.
Asst. Secretary : ,, V. Selvasivalingom Nadar.
Treasurer : ,, S. Kulunthuvel Nadar.
Librarian : ,, R. Srikrishna Nadar.
Members : ,, N, Harikrishna Nadar.
,, V. Lekshmanaperumal Nadar.
,, S. Malai Nadar.
,, S. Neelathangom Nadar.
,, S. Sivanarayanaperumal Nadar.
,, K. Marthandan Thondaman.
,, B. Retnaswamy Nadar.

SRI SETU PARVATI BAYI LIBRARY,

Kudamaloor Kottayam.

This library was opened on 19th Thulam 1116, the 44th Birthday of Her Highness Sri Setu Parvati Bayi, to commemorate for all times, the sacred memory of Her Highness.

Kudamaloor, historically reputed as the seat of the Kings of Chempakassery and Thokkedathu Bhattathiries, is situated 3 miles to the north of the town of Kottayam. The library is housed in the 'Nair Yuvajana Samaja Mandiram' near Vasudevapuram Temple. The ownership of the institution vests in its life members and the Yuvajana Samajam.

Now the library has 127 members inclusive of 16 life members.

PATRONS :—

Brahmasri Thekkedathu Manackal Vasudevan Bhattathiripad.
Brahmasri Chempakasseri Matathil Narayanan Mitran Tampuran.
Mr V. K. Ayyappa Pillai, M. A., (Oxon.)

COMMITTEE MEMBERS :—

Messrs. Thekkedathu Manackal Narayanan Bhattathiripad (President.)
Vellamkulathu Karunakaran Nair, B. SC., L. T., (Vice President.)
P. K. Narayana Pillai, (Secretary.)
K. R. Velayudhan Nair, (Joint Secretary.)
Chempakasseri Matathil Mitran Narayanan Tampuran.
C. K. Kunjukrishnan Nair (President, Yuvajana Samajam.)
K. G. Gopalan Nair.

K. J. R. V. LIBRARY, KILIMANOOR.

(Established on 2-5-1109 M. E. | 17-12-1933 A. D.)

This institution is a memorial of the "LATE AVITTAM NAL K. J. RAVI VARMA MOOTHA KOIL THAMPURAN Avl." (Chief of Kilimanoor Edavaka.) The institution is managed by an Advisory Board consisting of the Patron, President and nine members. There are 63 subscribers of which three are females. A reading room is also conducted and almost all the periodicals are subscribed for. The number of Malayalam books is 905. There are 358 English books also. This institution is in receipt of Government grant since 1112 M. E. Concessions are granted to students. The institution is open to all, irrespective of caste or creed, from 8 A. M. to 10 A. M. and from 5 P. M. to 8 P. M. on all working days.

The subscription rates are the following :—

1st Class – Entrance fee Chs. 7 and monthly subscription Chs. 7.
2nd Class – Entrance fee Chs. 4 and monthly subscription Chs. 4.

Patron :—Artist Sri K. R. Ravi Varma Koil Thampuran of Kilimanoor
President :—Dr. K. Goda Varma, M. A., Ph. D. (Lond.)
General Secretary :—Mr. A. Madhavan Pillai.
Joint Secretaries :— (1) Mr. N. Krishna Pillai.
(2) Mr. R. Kunjukrishnan.

Other members of the Advisory Board :—

1. Mr. C. Rama Varma Koil Thampuran.
2. Dr. N. Sankaran Potti.
3. Mr. M. S. Money.
4. Mahopadhyaya M. H. Sastry.
5. Mr. M. Nataraja Iyer.
6. Mr. K. N. Gopinathan Nair.

The Sri Mulam Club and Library, Devicolam.

The Institution was established in 1090 M E. to commemorate the fifty-sixth birthday of His Highness the late Sri Mulam Thirunal Sir Rama Varma, Maharaja of Travancore. It is situated in the heart of the Devicolam Town and consists of a very spacious and well furnished Hall with side rooms and a large play-ground. The building was constructed by public subscription. There is a Reading Room as well as a Library attached to the Institution.

Membership :—The membership to the Institution is open to all. A minimum subscription of eight annas per mensem and an Entrance Fee of eight annas (to be paid once only) is levied from the members. At present there are 50 members on the roll.

Reading Room :—The Reading Room is open from 8 to 11 A. M., and from 5 to 8 P. M. daily. Two English Dailies, two Malayalam Dailies, two weeklies, one fortnightly, and one monthly magazine, are subscribed for by the Club.

Library :—The library contains over 1000 books in English and 250 books in Malayalam. The library has been affiliated to the Trivandrum Public Library, and is getting books from the latter every month for reading purposes. The library is in receipt of an annual grant from the Government. It is open every day from 6 to 8 P. M., and is in charge of a Librarian.

Games :—Facilities are provided for out-door games such as Tennis Badminton, Volley Ball, Basket Ball, etc. and in-door games such as Cards, Carroms, Ping-pong and Chess.

Management :—The institution is managed by a Committee consisting of a President, Secretary, Treasurer, and eight members, all being honorary. The Members of the Managing Committee are elected annually by the General Body. The names of the present Members are given below :—

1. Mr. Jacob Arakkal, B. A., & B. L., (President.)
2. ,, N. J. Job, B A., & B. L., Secretary
3. ,, R Krishna Iyer, Treasurer
4. ,, K. Kunjakrishna Pillai, B. A., & B. L.
5. ,, P. K. Sivarama Pillai, B. A.,
6. ,, G. R. Oliver, B. E.,
7. ,, V. Poniah, B. A.,
8. ,, Gopalan Nair, B. A.,
9. ,, C. P. Ramachandra Iyer, B. A., & B. L.,
10. ,, K. M. Vargheese
11. Dr. K. John, M. B. B. S.

CHAMBERS OF COMMERCE.

The Travancore Chamber of Commerce, Alleppey.

The Travancore Chamber of Commerce is an association registered under the Travancore Companies Act by virtue of a License issued by the Government of Travancore. It was inaugurated in 1928 by Mr. M. E. Watts, then Dewan of Travaacore.

Membership of the Chamber is open to Indian and European firms and individuals alike and it has been found that the interests of both the communities are almost identical enabling the work of the Chamber to progress in a pleasant atmosphere of co-operation and goodwill.

The objects for which the Chambsr is established are similar to those of other Chambers of Commerce, *viz.*, promotion and protection of trade, commerce, agriculture and manufactures of the Travancore State. Provision is made, among others, for arbitration.

The Chamber puplishes useful statistical information, conducts surveys, issues certificates of origin, registers Trads Marks, weighs and measures cargo and is always prepared to be of assistence to those who seek to establish trade connection with Travancore. The Honarary Secretary will welcome enquiries.

MEMBERS OF THE CHAMBER.

The Alleppey Company Ltd.
Aspinwall and Company Ltd.
Aspinwall and Co., (Travancore) Ltd.
The Bombay Company Ltd.
Charankattu Coir Manufacturing Company.
Darragh Smail & Company Ltd.
M. Dharamsey Wagjee.
Wm. Goodacre & Sons, Ltd.
Hajee Haroon Tayeb & Son.
Harrisons & Crosfield Ltd.
Hopkin & Williams (Travancore) Ltd.
The Kannan Devan Hills Produce Co., Ltd.
Madura Company Ltd.
The Mayithara Coir Factories.
Peirce, Leslie & Company Ltd.
F. X. Persira & Sons, (Travancore) Ltd.
A. V. Thomas & Company Ltd.
The Travancore Sugars & Chemicals Ltd.
Volkart Brothers' Agency.

OFFICE BEARERS FOR 1942—43.

Chairman: Mr. E. L. Pollard.

Members of the Committee:

Mr. Muhammad Jaffar Hussan Sait.
,, R. C. H. May
,, H. Smith
,, A. V. Thomas
,, D. S. Thompson
,, K. C. Karunakaran, B. A. B. Com (Birm) M. L. A. (Honorary Secretary)

The Alleppey Chamber of Commerce, Alleppey.

(Incorporated in Travancore.)

The primary object of a Chamber of Commorce is to promote and protect trade, commorce and manufactures of the State, District or colony in which it is establishod. The Alleppey Chamber of Commerce incorporated under special licence issued by the Governmsnt of Travancoro has been from its very incoption in 1929 endoavouring to do its utmost to serve tho best interosts of tho mercantile community of Travancore in general and of Alleppey in particular.

Mombership is open to all bonafido morchants ostablished and doing business in Travancoro, without any distinction of class, creed or nationality. All members have equal privileges and equal rights in all matters relating to the administration of the Chamber. The membership fee is also fixod at a reasonably low-level so as to enable all members of the commercial community to co-operate in the oommon cause.

It requires no great stretch of imagination to realise that the need for united effort on the part of the commercial community has never been so important as it is today. If businessmen will only realise this most vital factor nocessary for onsuring success in career then perhaps the Chamber of Commerce would occupy its proper position at the head of the commercial community.

Besides attending to the multifarious functions of a Chamber of Commerce as publication of statistics, issuing certificates of origin and rendering all possible assistance to members in establishing trade connections abroad, the Alleppey Chamber of Commerce is also publishing a monthly trade journal 'The Commorcial Review'. The Review is the only one of its kind in South India and commands a wide circulation among Chambors of Commerce, commercial houses, and institutions throughout India and the Empire and other parts of the world and thus serves as the 'link' between tho producer and his markets

Committee.

Chairman.

Mr. M. L. Janardana Pillai, M. L. A., F. R. S.A. (London.)

Vice-Chairman.

Mr. K. G. Thomas.

Hony. Secretary.

Mr. N. Sankara Mannar, B. A.

Jt. Hony. Secretary

Mr. Kassim Sulaiman Sait.

Messrs: S. Krishna Iyer
T. R. Subramonia Iyer
J. Murugandy Pillay
L. S. Dass
Adam Haji Habib of H. K. Dada
Habib Ebrahim Bhuri of A. H. P. Mahomed Essack
K. Mahomed of Haji Ahamed Kunju Cassin

Members.

Messrs. S. Krishna Iyer, B. A., B. L., M.L.A., Planter, Kottayam.
The General Supplies Agency, Alleppey.
The Empire Coir Works, ,,
Modern Agency, ,,
S. Pichu Iyer and Sons, Ltd., ,,
The Modern India Company, ,,
Coir Floor Furnishing Company, ,,
Coir Yarn & Textiles Ltd., ,,
C. George Peter, ,,
Sulaiman Hassam and Sons, ,,
Hoosan Kassam Dada, ,,
Adam Haji Peermohamed Essak, ,,
Haji Habib Haji Peermahomed, ,,
Haji Sattar Haji Peermahomed, ,,
Diwan Haji Peermahomed Moosa, ,,
Haji Ahamed Kunju Cassin, ,,
The Eastern Produce Company, ,,
Commercial Emporium, ,,
Collaghan's Coir Works. ,,
G. Lakshmana Shenoy & Co., ,,
S. P. A. & A R. Chockalingam Chettiar, ,,
Bapu Pai Narayana Pai, ,,
S. K. Rangaswamy Chettiar. ,,
Haji Husen Yacub Sait, ,,
V. Krishnaswamy Iyer, ,,
Aboobaker Oommercutty, ,,

The South Travancore Chamber of Commerce.

(Incorporated in Travancore.)

Registered Office: Cape Road, Nagercoil.
Central Office: Puthenchanthai, Trivandrum.

President. Mr. M. L. D'cruz, M. L. A, Proprietor, the General Transport Company, Valiathurai, Trivandrum.

Vice-President. Mr. P. K. Subbiah Pillai, Rice and Paddy Merchant and Sub Agent S. O. C., Chalai, Trivandrum.

Honorary Secretary.
Mr. A S. Veerabahu Pillai, Managing Director, The Trivandrum Bank Ltd., (Lately Member, Sri Moolam Popular Assembly, Hon. Magistrate and Judge, Municipal Councillor and Director, The Trivandrum Permanent Fund Ltd., Trivandrum.)

Other Members of the Committee.

1 Mr. J. E. A. Pereira, M.L.A., Managing Partner, Messrs. F. X. Pereira & Sons., Gitangali, Quilon.

2 ,, M. Ramiah Pillai, F. B. I., M. L. A. Director-Secretary, The Trivandrum Bank Ltd., Managing Proprietor, The Jayabharatha Dairy Farm Ltd., and lately Municipal Councillor, Trivandrum.

3 ,, S. V. Aundy Pillai, Merchant and Shipper, Lately President, Municipal Council and Member, Sri Moolam Popular Assembly, Colachel.

4 Mr. T. M. Chidambarathanu Pillai, District Court Vakil and Director-Secretary, The South India Chit Fund Ltd., Negercoil.
5 Sry. A. Bhagirathi Amma M. B. T. C, Secretary, The Women's Mutual Benefit Chit Association Ltd., and Honorary Magistrate, Trivandrum.
6 Mr A. Ramaswamy Pillai, Proprietor, A. R. Swamy and Co., Puthenchanthai, Trivandrum.
7 Mr. A. Kolappa Pillai, Proprietor, Hari and Co., Market view, Nedumangaud.
8 ,, V. Maharaja Pillai, Proprietor, The South India Printing House, Cape Road, Nagercoil.

Other Members—(Honorary.)

1 Mr. P. Chidambaram Pillai, B. A., B. L., Ex-M.L.A., Advocate, and Director, The Travancore Credit Bank, Nagercoil.
2 ,, R. Bhagavathyperumal Chettiar, Ex-S. M. P. A. Member, Banker, Kottar, Nagercoil.
3 ,, V. P. Velayudha Mudaliar, Wholesale Piece-goods Merchant and lately Municipal Councillor, Nagercoil.
4 ,, S. Kumaraswamy, Proprietor, The Pioneer Motor Service, Nagercoil.
5 ,, P. Thiravia Panicker, General Merchant, Kottar.
6 ,, A. Saravanai Panicker, General Merchant, Kottar.
7 ,, S. Shanmugha Panicker, General Merchant, Kottar.
8 ,, S. Brahmanayagom Pillai, Piecegoods Merchant, Kottar.
9 ,, P. Muthukaruppa Pillai, Government Contractor, Nagercoil.
10 ,, C. M. Bagavathiperumal, General Merchant, Kottar.
11 ,, K. Chokkalingom Pillai, General Merchant, Kottar.
12 ,, S. Krishnaswamy Pillai, General Merchant, Kottar.
13 ,, C. Mahalinga Panicker, General Merchant, Kottar.
14 ,, A. P. Ramaswamy Mudallar, Yarn Merchant, Kottar.
15 ,, V. Eswaramurthy Pillai, General Merchant, Nagercoil.
16 ,, S. M. Mahalinga Mudaliar, Piecegoods Merchant, Kottar.
17 ,, R. M. T. Ramaswamy Mudaliar, Piecegoods Merchant, Nagercoil.
18 ,, S. V. Muthukumaraswamy Pillai, General Merchant, Kottar.
19 ,, C. Ramalingom Pillai, Rice and Paddy Merchant, Colachel.

20 Mr S. V. Chockalingam Pillai, Rice and Paddy Merchant, Colachel.
21 ,, R. Kumara Pillai, Rice and Paddy Merchant, Colachel.
22 ,, Xavier Alexander, Shipper and Contractor, Colachel.

Other Ordinary Members.

1 Mr. S. Easwaramoorthy Pillai, Wholesale Tobacco Merchant, and Director, The Travancore Credit Bank, Chalai, Trivandrum.
2 Mr. T. M. Sivasubramonia Pillai and Son, Burmashell Agents and Merchants, Trivandrum.
3 Mr. K. Sundaralingom Pillai, Wholesale Tobacco Merchant, Chalai, Trivandrum.
4 Mr. P. Subramonia Pillai, Proprietor, The New Theatres and The Imperial Trading Company, Trivandrum.
5 The Trivandrum Bank Ltd., Trivandrum.
6 Messrs. F. X. Pereira and Sons, Quilon.
7 The South India Chit Fund Ltd., Nagercoil.
8 The South Travancore Trading Co., Ltd., Nagercoil.
9 The Indo National Bank Ltd., Nagercoil.
10 The Jayabaratha Dairy Farm Ltd., Nedumangad.
11 The Commercial and Industrial Company Ltd., Nagercoil.
12 The Women's Mutual Benefit Chit Association Ltd., Trivandrum.
13 The Estate Agency, Nagercoil.
14 Hari and Company, Nedumangad.
15 The South India Printing House, Nagercoil.

The Chamber of Commerce, Kottayam.

(*Incorporated in Travancore*)

President : Mr. M. E Mathen.
Secretary : Mr. O. V. Mathew, Olasa.
Treasurer : Mr. P. I. Narayana Panicker, Poozhikkattu.

The Chamber is an association, incorporated and registered on 29th Vrischigam 1116, under Section 28 of the Travancore Companies Act, IX of 1114. It represents the merchants of the town of Kottayam, which has grown far in importance, being the budding rubber business centre in South India and the leading merchants in the town are the members of the Association. The Association, as specified in its articles of association looks after the commercial welfare of Travancore as a whole and pays particular attention to the interests of the merchants at Kottayam and North Travancore. The Chamber within its short but eventful period of existence has taken part in various activities in the town and the public and the Government of Travancore have appreciated the work of the association.

JOINT STOCK BANKS.

I. FOREIGN

The Indian Bank Ltd.

(Established in 1907)

Head Office : NORTH BEACH ROAD, MADRAS

Local Offices.

Esplanade, Triplicane, Mylapore, Theagarayanagar, Purasawalkam.

Branches and Sub-Offices in British India :

Bangalore Cantt.	Karaikudi	Tuticorin
Bezwada	Kumbakonam	Gudivada
Bombay	Madura	Tenali
Calicut	Salem	Bhimavaram
Cannanore	Sivaganga	Repalli
Coimbatore	Tirunolveli	Tanuku
Devakottai	Tiruppur	Duggirala
Erode	Tiruvarur	Narasaraopet
Guntur	Trichinopoly	Maruteru
		Palakol

Branches in Indian States :

Mysore.	Travancore.	Cochin.	Pudukottah.
Bangalore City	Alleppey	Trichur	Pudukottah
Devanagare	Quilon	Cochin	
Mysore	Trivandrum		

Authorised Capital	Rs.	60,00,000
Issued and Subscribed Capital	Rs.	48,00,000
Called and Paid-up Capital	Rs.	12,80,000
Reserve Fund	Rs	16,01,800
Contingent and other Funds	Rs.	4,51,077
Deposits as on 31-12-1941	Rs.	6,43,52,646

All kinds of Banking Business including foreign exchange done.
For particulars, please apply to any of the Offices.

II. TRAVANCOREAN.

The Perinad Industrial Bank, Limited.

(*Incorporated in Travancore in 1105.*)

Head Office : PERINAD.

Board of Directors:

1. Mr. K. Kunjunny, Kariprasseril, Perinad. (*Chairman*).
2. Mr. P. K. Kannan Pulinthazha (Secretary, Sree Velayudhamangalam Devaswom Director, the Travancore General Provident Insurance Company Ltd., Quilon.,) (*Secretary*).
3. Mr. G. Gangadharan Kavila, Manager, S. N. V. Sanskrit High School, Perinad. Director, The Travancore General Provident Insurance Company Ltd., Quilon.
4. Mr. C. Janardhanan, Vakil, Quilon, Managing Director, the Travancore General Provident Insurance Company Ltd., Quilon.

5. Mr. K. Padmanabhan, Chairman, the Travancore General Provident Insurance Company Ltd., Quilon.
6. Mr. P. K. Madhavan, Pandaravila, Landlord and Merchant, Perinad.
7. Mr. N. Neelacanden, Narayanamangalam, Landlord and Merchant, Perinad.
8. Mr. K. Kunjikuttan Ashan, Landlord and Merchant, Perinad
9. Mr. M. Krishna Panickar, Landlord and Merchant, Perinad.

Agent, Head Office. Mr. P. Kunju Panicker
Auditor. Mr. C. Philipose, B. com., Thiruvalla.

Transacts all sorts of banking business, mainly promotes the local industries of coir, coopra, etc.

Current Account : Opened free of charge

	Interest allowed at	1 per cent.	per annum.
Savings Bank Accounts	,,	2 per cent.	,,
Fixed Deposits	,,	6 ,,	,,

Loans granted on approved securities

Authorised Capital	...	Rs. 2,00,000
Subscribed Capital	...	Rs. 40,000
Paid up Capital	...	Rs. 20,000
Reserve Capital	...	Rs. 20,000
Reserve Fund	...	Rs. 1,150-9-5
Deposits	...	Rs. 8,173-9-11

The Travancore Forward Bank, Ltd.

Kottayam.

(Established in 1929.)

What is meant to carry your account in this Bank ?

REPUTATION.

A reputation for honest dependable dealing is a most valuable asset for any business. Vitally important in establishing such a background are the approval and recommendations of a good Bank. In making a connection with this bank, depositors consider this together with other important factors : EXPERIENCED FINANCIAL COUNSEL, COMPLETE FACILITIES AND CONSERVATIVE MANAGEMENT.

The Kottayam Bank, Limited.

(Incorporated in Travancore, 1926.)

Head Office : KOTTAYAM.

Branches :

Kottayam — Mundakayam
Vandiperiyar — Vaikam

Board of Directors :

1. Mr. P. T. Thomas, Palampadom, Kottayam.
2. Mr. M. P. Mani, Retired Executive Engineer, Modale, Mallapally.
3. Mr. A. I. Ipe, Areokal, Kottayam.
4. Mr. P. J. Chandy, Managing Director, Messrs. P. John Zacharia & Co., Ltd. Kottayam.
5. Mr. C. Abraham John, Chakkalayil, Kottayam.
6. Mr. A. I. Ittyipe, B. A. (*Managing Director and Secretary.*)

Auditors · Mr. C. Philipose, B. com.
Mr. V. K. Cheriyan, B. com.

Authorised Capital	...	Rs.	25,00,000
Issued Capital.	...	Rs.	3,50,000
Subscribed Capital	...	Rs.	2,09,540
Paid up Capital	...	Rs.	1,65,213
Reserves	..	Rs.	79,165

Fixed Deposits are now accepted at the following rates :—

6 months at 4 per cent. per annum.
12 ,, at 4½ per cent. per annum.

Current, Savings and Short Notice Deposits are received on terms which may be ascertained on application.

Advances against approved commodities, Government Securities, Insurance Policies, Gold and Approved Stocks and Shares made at all offices of the Bank. All other kinds of Banking business Transacted.

For terms—please apply to any office of the Bank.

The Palai Central Bank, Limited.

(*Incorporated in Travancore with limited liability*)

(Established in 1927.)

Head Office : PALAI, TRAVANCORE.

Branches *In Travancore* :

Alleppey	Palai
Alwaye	Poormade
Changanachorry	Ponkunnam
Fairfield	Thodupuzha
Muvattupuzha	Trivandrum
Nagercoil	Vaikam

In Cochin State : Cochin.

In British India :
Bangalore, 25, South Parade.
Delhi, 461, Chandni Chowk.
Madras, 16, Broadway.
Mangalore, Mission Street.
New Delhi, Connaught Circus.

Agencies : In all principal towns of India.
Lloyds Bank, Ltd., Eastern Dept. London.
National City Bank of New York, 55, Wall Street. New York.

Authorised Capital	..	Rs. 40,00,000
Issued and Subscribed Capital	...	Rs. 10,00,000
Paid-up Capital	...	Rs. 5,98,159-15-7
Reserve	..	Rs. 1,87,500-0-0
Total Resources	...	Rs. 70,63,929-2-8

Chief Officers :

Mr. K. Joseph Augusti (*Managing Director*).
Mr. Jacob Cherian.
Mr. George Thomas.

Telegraphic Address : 'ECONOMY.'

Codes used : Peterson's International Code.
Bentley's Complete Phrase Code and United Telegraph.

Member : Reserve Bank of India, Madras,
Madras Clearing House.
Delhi Clearing House.

Business. The Bank receives current, savings and fixed deposits and allows interest, effects purchase and sale of Government and other securities, collects interest, dividends, pay-bills, pensions and annuities from Central and Provincial Government Treasuries, makes periodical remittances on behalf of constituents, allows loans and advances on Government Promissory Notes, Shares and other Securities, gold jewels, raw and manufactured goods, etc.

The Trivandrum Central Co-operative Bank, Limited, No. 1.

(*Registered and started in 1091*)

Authorised Capital (in 9000 shares of Rs. 100 each)	..	B. Rs. 9,00,000
Subscribed Capital	..	B. Rs. 6,46,900
Paid up Capital	..	B. Rs. 1,29,160
Working Capital	..	B. Rs. 8,72,378

(The last three figures are for the close of the Co-operative Year 1117)

President: Mr. Malloor K. Govinda Pillai, B. A. & B. L.

Vice-President: Mr. K. J. Cheriyan, B. A. & B. L.

Secretary: Mr. K. A. Raman Pillai, B. A. & B. L.

Other members of the Executive Committee:

Mr. Kainikara M. Padmanabha Pillai, B. A. & L. T.
Mr. C. S. Krishnaswami Iyer, M. A.

Manager: Mr. I. Narayana Pillai, B. A., D. com. (I. M. O.), C. A. I. I. B.

Audit: By the Co-operative Department.

The management of the Bank is vested in a Board of Management consisting of 21 members, of whom 7 are elected from among the individual members and the remaining 14 from among the representatives of affiliated Co-operative Societies. The President, Vice-President, Secretary and two other members elected by the Board constitute the Executive Committee.

The main object of the Bank is to finance Co-operative Societies registered in Travancore, and to control them, when affiliated, by careful and regular supervision. Loans and cash credit accounts are, however, allowed not only to societies but also to individual members.

Deposits from members and non-members are received at the following rates :—Current, 2 per cent. per annum on daily balances for multiples of ten rupees; Savings Bank 3 1/2 per cent. on lowest monthly balances; Provident 4 1/2 per cent. (compound interest) and fixed 3 1/2, 4 1/2 or 5 per cent. according as the investment is for six months, twelve months or for twenty-four months or more. Thrift Certificates of face value Rs. 5,10,100 and 1000 on the model of Post Office Cash Certificates are also issued at 5 per cent. per annum (compound interest).

The Kalkulam Co-operative Taluk Bank Limited No. 949, Thuckalai

(*Established in 1100 M. E.*[1926 *A. D.*)

Registered on 15-9-1100 and started on 32 10-1101.

Members of the Managing Board on 25-2-1118 :

Individual Representatives.—

1. Mr. D. S. Pillai,—(*President*) Vakil, Thuckalay.
(Nominated by the Registrar of Co operative Societies.)
2. Mr. R. Kunjukrishna Pillai, —(*Secretary*), School Manager, Maruvoorkonam.
3. Mr. S. Sreenivasa Aiyar,—(*Auditor*), Teacher, Thiruvattar.
4. Mr. K. Narayana Pillai of Thiruvithamcode, Stamp Vendor, Thuckalay.
5. Mr. S. Sivathanumalayan Pillai, Fort, Eraniel.
6. Mr. P. C Velu Pillai, Retired Clerk, Padmanabhapuram.
7. Mr. T. Sivasubramonia Pillai, Western Street. Thiruvithamcode.
8. Mr. D. Appavoo B. A., B. L., Advocate, Thuckelay.
9. Vacant.
10. The Inspector of Co-operative Societies, Thuckalay.
(Nominated by the Registrar of Co-operative Societies.)

Society Delegates.—

11. Mr. P. M. Sivasankaran Tampi of Padmanabhapuram.
12. Mr. K. Ramakrishna Pillai of Kothanalloor.
13. Mr. N. Sankaranarayana Pillai of Kottathura.
14. T. K. Neelakanta Pillai of Thiruvithamcode, Teacher, Maruvoorkonom.
15. Mr. M. Subramonia Pillai of Madavilagom.
16. Mr. V. Daniel, Mission Street, Neyyoor.
17. Vacant.

Manager : Mr. T. R. Raghavan Nambiar.

The object of the bank is to finance primary societies and individual members of thie Bank. Loans are granted to societies at 6½ per cent and are issued to individuals on (1) personal surotios (2) security of immovable property or of fixed deposits and (3) the pledge of jewels (gold and silver) and agricultural produce at 7 7/8 per cent. interest.

Loans outstanding with Societies Rs. 25,300 and Individuals Rs. 26,600
Paid up share capital Rupees. 34,100.
Deposits including non-members Rs. 32,000.
Working Capital Rs. 80,000.
Total turn-over during the year 1117 Re.one lakh 63 thousand.

Ratee of interest on deposits (1) Fixed up to 5 1/2 per cent. (2) Savings at 4 per cent (3) Provident at 4 1/4 per cent compound interest and (4) Current at 1 cash per Re on daily balances. Reserve Fund of Societies received at 4 per cent. Government cheques, bills etc., are cashed.

The Trivandrum Co-operative Urban Bank Limited No. 1959, Trivandrum.

(Established in 1107 M. E.]1932 A. D.)

Statement of affairs as on 31-12-1117.

	Rs.
Authorised Capital . .	2,00,000
Subscribed Capital . .	1,32,475
Paid up Capital . .	69,050
Working Capital . .	3,10,564
Number of Members 4,218 .	
Deposits . .	1,23,009
Loans outstanding . .	1,05,183
Investments in Government security and Deposits with other Banks, .	1,18,,505
Land, Buildings and Fittings . .	17,389
Reserve and other Funds . .	31.973
Net profit for the year 116 . .	8,489

Board of Directors:

1. M. R. Ry. Rao Sahib Udarasiromani T. Padmanabha Row, Avl., F. R. S. A. (London.) *President.*
2. Dr. K. T. Mathew D. P. H. & D. Hy.(Cantab.) Retired Director of Public Health, Madras and Indore.
3. Mr. R. Vaidyalingam Pillai, B. A., B. L., Retired Dewan Peishkar and Ex-Registrar of Co-operative Societies.
4. Mr. S. K. Mahadeva Aiyar, B. A., B. L., Retired Dewan Peishkar.
5. Mr. V. K. Parameswaran Pillai, B. A., B. L., Advocate.
6. Mr. P. Krishnaswami Row, Land Lord, Trivandrum,
7. Mr. N. P. Ramakrishna Pillai B. A., B. L., Advocate. *Hony. Secretary and Treasurer.*

Manager: Mr. N. Sakharam Row.

Auditor: Mr. K. Venkitachalam Aiyar, B. A., G. D. A.

Deposits are received at the following rates of interest:—

Fixed Deposits for	6 months	at 3	per cent.	per annum.
,,	12 ,,	4	,,	,,
,,	24 ,,	4½	,,	,,
Savings Account		3	,,	,,
Current Do.		1	,,	,,

The Shertala Taluk Co-operative Bank Limited, No. 1051.

(Registered in 1101.)

Authorised Capital	...	Rs. 1,00,000—consisting of 2,000 shares of Rs. 50 each.
Society members		71
Individuals		100
Subscribed Capital	...	Rs. 25,500
Paid up Capital	...	Rs. 23,245
Reserve Fund	...	Rs. 4,332-26-5
Deposits	...	Rs. 74,776-18-5

Office:—Turavur A. O., Kuthiathode P. O.

Members of the Committee:—

Mr. N. Kumara Panickar. *President.*
Mr. D. K. Sivaraman Kartha. *Secretary.*
Mr. K. Kora, B. A.
Mr. P. K. Damodaran Nair.
Mr. K. R. Ramakrishnan Nair.
Mr. G. Parameswaran Nair.
Mr. K. C. Raghavan.

To finance individuals and societies in the Taluk.

Current accounts, Savings Bank, Fixed Deposits, loans and cash credits.

Fixed Deposits at 5 per cent.
Savings Bank Deposits at 4 per cent.
Loans to societies at 6½ per cent
Loans to individuals at 3 cash per rupee per mensem.

The Travancore Brahmanajana Co-operative Society Ltd., No. 478, Trivandrum.

The Society was registered in 1098. The main object of the Society is to promote the material and moral welfare of the Brahmins. The management of the Society vests in a committee consisting of seven members including the President and the Secretary. The Head Office is at Puthenchanthai and there are four branches at Karamanai, Chalai, Fort and Puthen Street.

Fixed, Recurring, Current and Savings Deposits are accepted.

Collection of Cheques, Drafts, Salary Bills and Pension Bills is undertaken.

Loans given to members bear interest at 3 cash per Rupee per mensem. A rebate of 1/9 of the interest paid is allowed for repayment of loans without default. Net interest on loans would amount to 7 per cent per annum.

Authorised Capital		Rs. 100,000
Paid up Capital as on	32-10-1117	Rs. 32,000
Investments and Deposits with other Banks	,,	Rs. 57,000
Deposits from members	,,	Rs. 81,000

Members of the Managing Committee.

Sri. N. Varadaraja Iyengar, B. A., B. L., *President.*
Sri. A. Devaraja Iyer, B. A., B. L. *Secretary.*
Sri. E. Padmanabha Aiyar, *Assistant Secretary.*
Sri. K. Ramachandra Iyer,
Sri. N. Arunachalam Iyer, B. A.
Sri. M. Krishnaswamy Iyer,
and Sri. S. Mahadeva Iyer.

Cashier-Manager: Sri. T. S. Vaidyanatha Iyer,
Legal Adviser: Sri. S. Boothalingam Iyer, B. A., B. L.

TRAVANCORE

STATE LIFE INSURANCE

(PUBLIC BRANCH)

A REAL BOON TO TRAVANCOREANS

PREMIUM RATES

LOWER THAN THOSE OF OTHER COMPANIES

BONUS DISTRIBUTED

EVEN AT THE VERY FIRST VALUATION

★

FREE REMITTANCE OF PREMIA

PROMPT SETTLEMENT OF CLAIMS

ATTRACTIVE BONUS

LOANS GRANTED TO POLICY HOLDERS

PROFITS DISTRIBUTED ENTIRELY TO POLICY HOLDERS

CHILDREN'S ENDOWMENT—A SPECIALITY

★

OPEN TO ALL TRAVANCOREANS

(both born and domiciled)

GOVERNMENT MANAGEMENT & GUARANTEE

For details apply to:

The Accountant-General,

Trivandrum

or

Any Authorised Agent.

Cape Hotel,

Cape Comorin.

FULLY FURNISHED

FACING THE SEA

BOTH SUNRISE AND SUNSET VISIBLE

NINE DOUBLE SUITES OF ROOMS

RESIDENT STEWARD IN CHARGE

BATHING POOL SEA-FED

INDIAN & EUROPEAN
MEALS SUPPLIED

TERMS MODERATE

Apply : **Division Officer,**
P. W. D., Nagercoil.

The Trivandrum Permanent Fund, Ltd.

(Incorporated in Travancore in 1899)

Registered Office : Trivandrum.
Head Office : Main Road, Trivandrum.
Branches : Chalai (Trivandrum), Nagercoil, Shencotta, Thuckalai Quilon Neyyattinkara and Marthandom.

Board of Directors :—

President : Rao Bahadur G. Sankara Pillai Avl, B. A., B. L.

Vice-President : M. R. Ry. Rajyasevapravina U. Padmanabha Kukillay Avl, M. A., B. L.

Managing Director: Mr. T. R. Reghunatha Aiyangar, B. A., M. L.

Mr. K. Govinda Pillai, B. SC., L. O. E.
Mr. S. Chattanatha Karayalar, M. A., B. L., M. L. A.
Mr. R. Vaidyalingom Pillai, B. A., B. L.
Mr. S. Ramakrishna Iyer, M A.
Mr. P. N. Bogthalingam Iyer, B. A., B. L.
Mr. K. Padmanabhan Tampi, B. A.
Mr. M. Govinda Pillai, B. A.,
Mr. C. Kumaradas B. A., M. SC., F. I. C

Auditors : { Mr. K. Venkitachalam, B. A., G. D. A.
Mr. T. Velu Pillai, B. A., G. D. A., C. A. I. I. B.

The objects of the Fund are to enable persons to save money, to invest their savings in first class securities, and to advance loans on approved securities at low rates of interest. All kinds of banking business are transacted.

The Fund was established in 1899 on the lines of the Mylapore Hindu Permanent Fund. From very small beginnings, it has risen in growth and public utility and has made remarkable progress during the past 43 years.

Authorised Capital : Rs. 13,80,000 divided into 13,80,000 shares of 1 rupee each.

Paid up Capital and Reserve as on 31-12-41	Rs 99,629.

Further particulars can be had from the Managing Director.

AGENTS TO THE TRAVANCORE STATE LIFE INSURANCE

(Public Branch.)

Alagiyanambiya Pillai, S. A., Kulavara Vilakathu Puthen Veedu, Manacaud, Chalai.
Sry. Ammukutty Ammal, B., C/o Mr. Madaswami Asari, Near Jagathy Bridge, Trivandrum.
Ananthasubramoniam, K., Rama Vilas, Poojapura, Trivandrum.
Atchuthan Pillai, C., Western Panchavalli House, North Parur.
Balakrishna Pillai, T. G., Kaitharam, North Parur.
Bhaekarau Nair, P., C/o P. Sivarama Pillai M. A., LL. B., M. L. A., Kidangoor.
Chacko, K. N., Pushpavilasom Bungalow, Nollipalli, Punaloor.
Chacko Manthurithil, Kaipuzha, Mannanam.
Chacke Eappen, D., Vakil, Palai.
Daniel P. K., Marthandam Bank, Marthandam.
Fernandez, L. B, Benlyn Houeo, Valiathurai, Trivandrum.
Gee Varghese, K., Valuthundil Veedu, Thripilazhicom, Kundara.
George, N. G., o/o N. G. Iype, clerk-typist, Secretariat, Trivandrum.
Gopala Pillai, K., Mokalathu Houeo, Muvattupuzha.
Govinda Pillai, A., B. A., Nattayakonam, Kazhakuttom.
Govinda Pillai, P. K., Govindavilas, Alwaye.
Isaac, M. V., Machunkam, Shertallay.
Jeesiah J., Vakil, Neyyattinkara.
John, P. E., Retired Anchal Master, Pariyarathu Puthen Veedu, Tukalaeeery, Tiruvalla.
John, P. J., Perumpral Puthenpurakkal, Vennikulam, Tiruvalla.
John Varughese, K., Rehaboth, Barton Hill Wost, Trivandrum.
Joseph Antony, Muntadon House, Ankamally.
Kesava Pillai, T. S., Ettumanoor.
Kriehnan Pandalai, N., Mannoor Madom, Mavelikara.
Kunjukrishnan Nair, K., Kizhakkumkara, Puthenveedu, Thamalam, Poojapura.
Lukose Vaidian, T. O., Tuet, Quilon.
Mathai Devasia, Palpad, Changanacherry.
Mathai, M. I., Kundara.
Mathai, V. I., Ramapuram, Palai.
Mathai, K. M., Varambacheril Houee, Kunnukuzhi, Trivandrum.
Mathew, P. C., Thekkumudu, Kunnukuzhi, Trivandrum.
Michael, M. D., B. A., Proprietor, St. Michael'e Institute, Cantonment Trivandrum.
Narayana Pillai, I., B. A., D. com. (I. M. C.) C. A. I. I. B., Manager, and Asst. Secretary, the Central Co-operative Bank, Ltd., No. 1, Trivandrum.
Narayana Pillai, K., Vendor, Thiruvithamcode.
Narayana Pillai, M. P., Pallom, Kottayam.
Narayana Pillai, P. K., Vakil, Alleppey.
Pappy K. Varghese, Kaiyalaikkal, Thumpamon.
Paramu, K. K., Quilon.
Pillai, K S. N., Banker, Shertalai.
Raghavan Pillai, V., Camp: Kayamkulam.
Ramakrishna Aiyar, C. R., Perumbavoor.

Ramakrishna Sastri, R., Double Street, Suchindram.
Ramalingom Aiyar, G., 230, Thamman Street, Fort, Trivandrum.
Raman Nair, R., B.A., B.L., Advocate, Alleppey.
Raman Pillai, K., Quilon.
Raman Pillai, P. K., B. A., Convent Road, Vanchiyoor, Trivandrum.
Ramasubba Aiyar, C., clerk, Malayala Raiyam Office, Quilon.
Ramaswami, S., Sivancoil Street, Karamanai, Trivandrum.
Sankara Pillai, S., Edavalliyil, Kayankulam.
Sankaralingom Aiyar, V., North Parur.
Sankararaman A., C/o Mr. S. Ramaswamy Aiyar, Retired Residency Cashier, Puthenchanthai, Trivandrum.
Sesha Iyer, H., C/o S. Harihara Iyer, Retired Excise Head Clerk Chidambranagar, Nagercoil.
Sivasankaran Nair, K., Elanjimoodu House, Athani Mudukku, Vanchiyoor, Trivandrum.
Solomon Joseph, Near Observatory Lane, Trivandrum.
Sreedharan Nair, K., Kandamat, Neyyattinkara.
Subbayya, M. R., Near Co-operative Distributive Society Ltd., No. IV, Pattom, Trivandrum.
Thomas, C. K., C/o P. T. Thomas, Clerk, Secretariat, Trivandrum.
Thomas, K. M., C/o Anchal Master, Ayroor.
Sry. Valli Ammal, L., South Gramom, Parakkai A. O.
Venkitarama Aiyangar, S., 1st Puthen Street, Trivandrum.

TRADES IN TRAVANCORE.

AGASTISVARAM TALUK.

BRASSWARE MERCHANTS.

Kolappan Asari, V., Kottar.
Shunmukam Chettiar, A., and Bros. Kottar.

CHEMISTS AND DRUGGISTS

Arulappan, D., Nagercoil.
Lekshmanan Chettiar, S., Nagercoil.
Ramaswamy Pillai, S., Nagercoil.

CLOTH MERCHANTS.

Abdul Shadar Sait, M. A., Nagercoil.
Andi Chenthuran Mudaliar, Vadassery.
Brahmanayakom Pillai, S., Kottar.
Haji Ismail Haji Abu Sait, Nagercoil.
Manicka Mudaliar & sons, Kottar.
Maluk Mahamed Sahib, N., Kottar.
Muthiah Mudaliar, M., Nagercoil.
Ramaswamy Mudaliar, M., Nagercoil.
Sundararaghavan Pillai, S., Nagercoil.
Thanu Kulathuran, Vadassery.
Velayudha Mudaliar, V. P., Nagercoil.

COPRA MERCHANT.

Arunachala Vadhiar, S., Kottar.

COTTON YARN MERCHANTS.

Agastia Mudaliar & Sons, Kottar.
Akasaperumal Pillai, V., Vadassery.
Nallasivam Pillai, V., Kottar.
Pitchakonar & Sons, Kottar.
Ramasubbu Chettiar, S., Kottar.

GENERAL MERCHANTS.

Bhagavathiperumal, C. M., Kottar.
Kasilingam, R. M., Nagercoil.
Perumal Pillai, S. K., Nagercoil.
Saravana Panicker, S. S. A., General Merchant and Commission Agent, Kottar.
Sivalingom Pillai, S., Kottar.
Subramoniam Thiruchittambalam, Nagercoil.
Thiravia Panicker, B., Kottar.

GOLD MERCHANTS.

Esakimadan Pillai Arumughom Pillai, Nagercoil.
Velayudhan Asari Madaswami Asari, Nagercoil.

HARDWARE MERCHANTS.

Ahamed Sahib, P., Kottar.
Subbiah Pillai, L. S. A. A., Nagercoil.

OIL MERCHANTS.

Kumaravelu Panicker, T. Kottar.
Sankaralingom, S., Kottar.

PROVISION MERCHANTS.

Annapoorni Ammal, C. N. E., Kottar.
Mahalinga Panicker, Kottar
Pettaperumal Krishnan, Krishnancoil.
Pottivelu Subbiah, Vadasserry.
Saravana Panicker, A. & Bros., Kottar.

TIMBER MERCHANTS.

Arumughaperumal Natarajan, Krishnancoil.
Arunachalam Kesavaperumal, Krishnancoil.
Chithambara Kuttup Muthu, Krishnancoil.
Kuttalingom Ganapathy, Krishnancoil.
Nainar Arunachalam, Vadasseri.
Sivananchaperumal Ayyam Pillai, Krishnancoil.

WINE AND SPIRIT MERCHANT

Subramoniam, K. S., Brandy Shop. Nagercoil.

AMBALAPUZHA TALUK.

BANKER.

Sankara Iyer, S. P., Alleppey.

BRASSWARE MERCHANT.

Mohamed Kunju Rowther, M. A. M. S. E., Alleppey.

CHEMISTS AND DRUGGISTS

Ramakrishna & Co., Alleppey.
Swami & Co., Alleppey.
The English Company.
The Trading Company.

CLOTH MERCHANTS

Ahamad Ebrahim Bros., Alleppey.
Dharmaraja Aiyar, S. K., Alleppey.
Geeraraya Kammathi, Alleppey.
Hajee Hussan Hajee Kassim & Sons, Alleppey.
Krishna Pillai, M., Alleppey.
Kumaraswami Reddiar, S., Alleppey.
Muthuswami Reddiar K. M. R., Alleppey.
Muthuswami Reddiar S., Alleppey.
Muhamed Jaffer Hussan Sait.
Rajagopala Reddiar, P., Alleppey.
Ramanatha Reddiar, P., Alleppey
Shaik Mohamad Ameeth, Alleppey.
The Alleppey Store, Alleppey
Velu Pillai, Alleppey.
Veeriya Reddiar, Alleppey.

COIR MERCHANTS.

Krishna Pillai, G., Alleppey.
Vallabhadas Kanji, Ltd., Alleppey, Manufacturers of Coir, Mats and Matting.
Yamuna Das Kanchi, Alleppey.

CONTRACTORS AND SUPPLYING AGENTS.

Abdulla Kunju, B., New Bazaar, Alleppey.

COPRA MERCHANTS.

Kuruvila Ouseph, Alleppey.
Sha Govindaji Puthamji, Alleppey.

EXPORTERS, IMPORTERS AND COMMISSION AGENTS.

Vallabhadas Kanji, Ltd., Alleppey.

GENERAL MERCHANTS.

Gopala Shenoy, R., Alleppey.
Krishna Pillai, Alleppey.
Oommarukutty, K. C., Alleppey.
Paradesi Reddiar, Alleppey.
Shajeevan Das Marothan, Alleppey.
Shahirathu Mathavaji, Alleppey.
Thomas, T. T., Alleppey.

HARDWARE MERCHANTS.

Damodara Pai, S., Alleppey.
Damodara Shenoy, V. & Company, Hardware Merchants & Licensed holders, Alleppey.
Ponnambalam Pillai, S., Alleppey.
Vamana Prabhu, P. S., Pazhavangadi, Alleppey

MERCHANTS.

Kader Bava M., Bros, Perfumery Merchants, New Bazaar, Alleppey.
Mohamad Hajee Abubaker, Dried fish Merchant.

OIL MERCHANT.

Chokalinga Nadar, P. T. A, Alleppey.

OIL MILL OWNERS.

Vallabhadas Kanji, Ltd., Alleppey.

PROVISION MERCHANTS.

Atchutha Pai, Alleppey.
Aiyyappan Pillai, K., Pulincunnu.
Chandi Chacko, Thalavady.
Chummar, V. T., Ariyad South.
Gopala Pillai, N., Monkomtu
Joseph, C. P., Ariyad South.
Krishna Mooppan, D. M., Ariyad South.
Krishna Pai, S, Pracaud.
Lekshmana Shenoy, Alleppey.
Lonappan, C. P., Alleppey.
Maikil, V. J., Alleppey.
Mathai, M. V., Alleppey.
Mathen Chacko, Thalavady.
Mathen Mathunni, Thalavady.

Narayana Pillai, K., Thalavady.
Oomman Yohannan, Thalavady.
Ouseph Anthony, Pulincunnu.
Ouseph Chacko, Pulincunnu.
Ouseph Easo, Pulincunnu.
Ouseph Varghese, Pulincunnu.
Pailo Varkey, Pulincunnu.
Pappan Narayanan, Pracaud.
Peter Payas, Alleppey
Rama Iyer, S., Alleppey.
Subramoniam, K. R., Ariyad South.
Thiruvenkitam Reddiar, S., Alleppey.
Thomas, C. J., Ariyad South.
Thomas, M. V., Alleppey.
Thomas Ouseph, Pulincunnu.
Thommen Mathen & Bros., Pulincunnu.
V. J. Company, Alleppey.
Varkey Chacko, Pulincunnu.
Venkitachalam Reddiar, V., Alleppey.
Venkiteswara Naicken, Alleppey.

RICE AND PADDY MERCHANTS.

Abubaker Ommar Kutty, Alleppey.
Adam Hajee Peer Mohamad Esak, Alleppey.
Diwan Hajee Peer Muhamed Mussa.
Hajee Ahamad Kunju Kassim, Alleppey.
Hajee Habib Hajee Peer Mohamad, Alleppey.
Hussain Kassim Dada, Alleppey.
Hajee Sathar Hajee Peer Muhamed.

SILVERWARE MERCHANTS.

Bhemabattar, Alleppey.
Krishnaswami Iyer, V., Alleppey.
Madhavan Pillai, Alleppey.
Parameswaran Pillai, T. V., Alleppey.
Velayudhan, Alleppey.

STATIONERS.

Abbamiya Hajee Kassam Sait., Cutlery and Stationery Merchant
New Bazaar, Alleppey.
Boyce and Company, Alleppey.
Club Store, Alleppey.
Kochubaba Adima & Sons, Alleppey.
Krishna Prabhu, Alleppey.
Sreenevasa Pai, S. & Sons, Alleppey.
Sudhakaran & Co., Alleppey.

TILE MERCHANT.

Sankunni, P., Alleppey.

TIMBER MERCHANTS.

Mathew, Alleppey.
Thomas, E. V. & Kurian, K. J., Alleppey.

TOBACCONIST.

Abubaker, P. K., & Bros, Alleppey.

UMBRELLA MERCHANTS.

Abdul Karim Sulaiman & Bros., Alleppey.
Kassam Karim Sait, Alleppey.

CHANGANACHERRY TALUK.

AGENT—PETROL.

Antony, T. V., Ponkunnam.

CLOTH MERCHANTS.

Karingada Mathai Sebastian.
Veeriah Reddiar.

RICE MERCHANTS.

Geevarughese Devasia.
Mathichiparambil Mathai Joseph.
Moolayil Thoma Chacko.
Moolayil Thoma Ouseph.
Vazhuparambil Thoma Ulahannan.

RUBBER MERCHANTS.

Ismail Rowther, P. K., Ponkunnom.
Syed Mohamed Rowther. V. M., Kanjirapally.

STATIONERS.

Hamid Kannu Rowther, P. V.
Moideenpilla, A. B. & Brothers.

WOOD WORKS.

Thomas, K. V.

CHIRAYINKIL TALUK.

AYURVEDA PHYSICIANS.

Kochappy Vaidyan, K. N., Attingal.
Krishnan Madhavan, Edava.
Nanu Vaidyan, V. K., Attingal.
Sankara Pillai Nanoo Pillai, Varkala.

BANKER.

Krishnan, K., Manager, Devaraja Vilasom Bank, Kadakavoor.

BOOK SELLERS.

Ebrahim, S., Attingal.
Narayana Pillai, K., Attingal.

DENTISTS.

Krishna Pillai, R., Attingal.
Kuttan Pillai, V., Warkala.

GENERAL MERCHANTS.

Asanaru Pillai, Attingal.
Ebrahim, S., Attingal.
Gopala Pillai, K., Warkala.
Padmanabhan, K. N., Attingal.
Ramankutty Pillai, Attingal.
Velayudhan Asari, B., Attingal.

HOTELS AND RESTAURANTS.

Janardhana Iyer, Happy Lodge, Attingal.
Krishnan Potti, G., Proprietor, Coffee Hotel, Attingal.

PRINTERS AND PUBLISHERS.

Abdul Azis, Coronation Memorial Press, Edava.
Kesava Pillai, Sree Rama Press, Kadakavur.
Rugmani Ammal, P., Sri Chitra Press, Attingal.
Sankara Pillai, N., Sankaravijayam Press, Attingal.

DEVICOLAM TALUK.

CONTRACTORS.

Andrew, P. C., Munnar.
Damodharan, C., Devicolam.
George Bros., Munnar.
Koshy, K. J., Devicolam.
Lekshmanan, M. K., Pallivasal.
Lukkose, C. K., Munnar.
Lukkose, P. K., Pallivasal.
Mani, P. M., Pallivasal.
Paramu Pillai, K. N., Pallivasal.
Sarma Brothers, Munnar.
Thariath, U. M., Munnar.
Varkey, C. U., Pallivasal.
Varkey, T. K., Munnar.

MERCHANTS.

Abdulla Hameed, M. M., Munnar.
Alagannan Chetty Sons, A. S., Munnar.
Frederic Mendez & Sons, Munnar.
Haridas Ranjee, Munnar.
John Cheriyan & Bros., Munnar.
Joseph, M. P., Pallivasal.
Kaliappa Nadar, M. & Sons., Munnar.
Kulanthaveloo Nadar, S. S., Munnar.
Kuriakose P. K. & Co., Pallivasal.
Kuriyipe Kuriyipe, Kallar, Pallivasal.
Mariappa Nadar, A. M. P., Munnar.
Marikar & Co. Ltd., Munnar.
Nainan, K. K., Kallar, Pallivasal.

Narayanaswami Iyer, N., Devicolam.
Paramu Pillai, K. N., Pallivasal.
Parvathom Chetty, R., Munnar.
Ramaswami Iyer, N., Munnar.
Rowther, S. M. & Bros., Munnar.
Sam & Co., Devicolam.
Samuel, D. M. & Sons, Munnar.
Simon Amirtham, T. B., Munnar.
Thariath, U. M., Munnar.
Varkey Kuruvila, Kallar, Pallivasal.

KALKULAM TALUK.

CLOTH MERCHANTS

Abraham Nadar, A., Monday Market, Eraniel.
Anthony Mudaliar, P., Palliyady.
Assanarkan Son, S., Monday Market, Eraniel.
Narayana Pillal, S., Monday Market, ,,
Noohukan, S., ,, ,,
Ponnappan Adavlar, A., ,,
Sankara Iyer, S., Thuckalay.

CONTRACTORS.

Ahamadkannu, M., Thiruvithamcodo.
Krishnan Nair, M., Thuckalay.
Narayana Pillai, R., Thiruvithamcode.
Shahul Hameed Sahib, N., Thuckalai.

GENERAL MERCHANTS.

Fakir Mohammed, V. S., Thuckalai.
Maniokam Pillai, N., Padmanabhapuram.
Muhamad Kannu, M. S., Thuckalai.
Perumal Pillai, C., Monday Market, Eraniel.
Swaminathan, Y., ,, ,,

GOLD MERCHANTS.

Malu Pillai, N., Thiruvithamcode.
Shahul Hameed, O. T. M., Thuckalai.
Subbian Asary, P., Thuckalai.

MATCH FACTORY.

Peermohammed, S. H., Thiruvithamcode.

PRODUCE MERCHANTS.

Hussan Pillai, H. M., Thiruvithamcode.
Krishnan & Co., Mathicodu, Colachel.
Travancore Sugars and Chemicals, Ltd., Thuckalai.

RICE AND PROVISION MERCHANTS.

Gnanamuthu Nadar, S., Samiyarmatam.
Kesava Pillai, C., Thiruvattar.
Kuttalam Pillai, A., Thuckalai.
Meeramalukmohamed, H. K. M., Thiruvithamcode.
Mohamed Hasan, M., Thuckalai.
Monnamohamed Pillai, S., Thiruvithamcode.
Muthiah Nadar, K. P., Monday Market, Eraniel.

Peermohamed Vydian, A., Colachel.
Ponniah Nadar, A. S., Monday Market, Eraniel.
Subbiah Pillai, A., Thuckalai.
Thiruneelacanta Pillai, E., Thiruvithamcode.
Velayudhan Pillai, K., Thuckalai.

SOAP FACTORIES.

Britania Soap Factory, Thuckalai.
Nadaraja Raj Neelam Factory, Thuckalai.
Sulomia Industrial House, Thiruvithamcode.

KARTIGAPALLY TALUK.

GENERAL MERCHANTS.

Abdulkadir Kunju, M., Karthigapally.
Haji Hassan Yacoob Sait, Kayankulam.
Janardhana Kini, A., Kizhake Nada, Haripad.

TOBACCONISTS.

Haji Hassan Yaoob Sait, Kayamkulam.

KARUNAGAPALLY TALUK.

BANKER.

Philip Philip, Manager, Eastern Bank, Karunagapally.

CLOTH MERCHANTS.

Ibrahim Sait, A., Sri Ramavarmapuram Market, Karunagapally.
Kochunni Hajee Abdur Rahiman Musaliar, Oachira.
Mohamad Kunju Abdul Kadir Kunju, Oachira.
Neelakanta Panikan Vasu Panikan, Oachira

COIR MERCHANTS.

Kochu Kunju Mohamed Kunju, Alumpeedika.
Valel Kochu Kunju Abdur Rahiman Kunju, Alumpeedika.

GENERAL MERCHANTS.

Abdur Rahiman Kunju, Vallikavu market.
Ayyappan Damodaran, Ponmana.
Chavarikal Narayana Pillai, Sri Ramavarmapuram Market.
Kesavan, K., Vallikavu market.
Muhamad Panikar Abdur Rahiman Panikar, Vadakkumthala East.
Parameswaran Pillai, Vallikavu market.
Tharayil K. Oonnoonni, Sri Ramavarmapuram Market.

KOTTAYAM TALUK.

AGENTS.

Chandy, P. J.,
Rajagopala Iyengar, K., Burmah Shell Agent.
Venkittaraman, K.

BANKERS.

Abraham, K. V.
Chandy Mathew.
Ipe Itty.
Itty V. Chandy, Deccan Bank.

Kurien, A. V., Ancheril.
Pitchu Iyen Narayana Iyen.
Ramakrishna Pillai, Manjapallil.
Simon Mathen, Mukalil.

BOOK SELLERS.

Associated Publishers.
John's, P. Company.
Krishna Pai.

CHEMISTS AND DRUGGISTS.

Joseph, C., The Kerala Medical Stores, Kottayam.
Kuruvilla Kampakalumkal.
Mathoo Uthuppan.
South Indian Medical Stores.

CLOTH MERCHANTS.

Abraham Chacko, Kanjirathummoottil.
Ahmad Kannu Rowther, P. I.
Chacko Murathupoovathumkal.
Dathos Easo, Chempakassoril.
Ebrahim Noormuhamad.
Ismail Haji Sait.
Ittyavira, Ponattuseril.
Janab Syed Mohammad Rowther, K. M., White Hall, Silk Palace, K. K. Road.
John, P. T.
Joseph Valiplackal.
Koralla Mathew.
Kuruvilla Kurien.
Mani, P. J., Aymanom
Nair, P. S.
Narayana Pillai Sankara Pillai.
Panickkar, P. K. S., T. B. Road.
Thomman Kaniyamparambil.
Varkey, M. M.
Varkey, A. M., Ancheril.
Varkey Cherian, Puthanpurayil.
Varkey Ittiack, Palathumkal.

COCOANUT MERCHANTS.

Ittyavira Pylo.
Kuruvilla Avira,
Mathew Itty, Aymanom.
Mathoo Thomma, Manarkad.
Oontan Krishnan.
Ouseph Anthony, Athirampuzhai.

COPRA MERCHANTS.

Chacko Kosby, Kythail.
Govindan Nair.
Itty Ipe, Arackal.
Ouseph Mattamundayil.

OIL MERCHANTS.

Abdul Mathiru Kunjan Marakar.
Joseph Kurien, Athirampuzhai.
Mathew, K. V.

OPTICIANS.

Fr. Joseph, Venkadathu.
Jacob & Co.
Koshy, P. K., Thevalakara.
The Royal Star Opticians, Kottayam.
Thomas, T. C., Thamarapally.

RICE MERCHANTS.

Adam Hajeo Peer Mohamed, Market Landing.
Chacko, M. M.
Chacko Mathen, Manalel.
Chariathu Varkey & Co.
Cheriyan Philipose, Puliyil.
Dewan Haji Peer Mohammad Moosa, Thirunakara.
Gopala Panicker, K.
Haji Sathar Haji Peer Mohamad, T. B. Road.
Haji Ebrahim Kasim, Cochin Vale, Thirunakara.
Hassan Rowther, T. M. & Co.
Hoosan Kasim Dada, Thirunakara.
Itty Philipose.
Kurien John, Ooppoottil.
Kurien Kora, Athirampuzhai.
Kurien Ouseph, do.
Kurien Varughese, do.
Mathai, Murattupoovathumgal.
Mathen, M. E., Maniyamkolam
Mani Devasya, Athirampuzhai.
Mathen Chacko, Mulackachira.
Mathen, O. V., Olasai
Narayana Paniokar, M. G.
Poozhikattu Narayana Panicker & Sons.
Sankara Iyen, Madathummuri.
Thayil Korah Mathoo
Thomas, M. I., Athirampuzhai.
Thomman Thomas, Pampady.
Varkey Joseph, Athirampuzhai.

RICE MILL OWNERS.

Abraham Kurien.
Aiyappan, Thundathilparambil.
Chandy Cheriyan, Kurisummoottil.
Itty Ipe Ipe, Arackal.
Itty Kalukadavil.
Koohockan Thommi, Neendoor.
Krishnan Atchuthan, Arackal.
Kunjacko Chacko, Athirampuzhai.
Kurian Mathoo, Kallooparambil.
Kurian Ulahannan, Kaithattuseril.
Mathan Koohumathan.
Nainan, Puthankalathil.

Pothan Joseph, Kumarakom.
Pothan Pothan, Edacheril, Thiruvanchiyoor.
Thomas Thoma, Chirelpalayil, Chingavanom.
Thomman Chacko, Kummanom.
Thomma Manjappallil.
Thomman Thomman.
Uthuppan Uthuppan, Kummanom.
Varkey Thomma, Athirampuzhai.

SOAP FACTORIES.

Oosmainar Rowther, T. A., Athirampuzha.
Padmanabha Pillai, Madethilparambil.

TIMBER MERCHANTS.

Abdhukutti Kathirkutti, Kunnappallil.
Chandy, P. C.
Kochu Mohamed, Madapalliputhenchira.
Kunju Mathen Metharu Mahamed Metharu.
Kurian's Timber Works, Panayakazhippoo.
Makar, P. K.
Thomas Kathanar Jacob.
Uthuppan Skaria, Payampallil.

UMBRELLA MERCHANTS.

Ismail Haji Sait.
Joseph Ali Sait.
Kuruvilla Kurien, Velangattu.

WINE AND SPIRIT MERCHANTS.

Kuruvilla, K. K., Kalarickal Stores.
The South Indian Medical Stores.
Thomas, M. C.

KUNNATHUNAD TALUK.

AYURVEDIC PHYSICIANS.

Krishnan Vaidyan, Alwaye.
Vaidyan, M. D., Alwaye.
Varghess, Kuttipuzha, Alwaye.

CHEMISTS & DRUGGISTS.

Ratnam & Co., Alwaye.

CLOTH MERCHANTS.

Abdulkadir, M. M, Alwaye.
Bava, K. A., Perumbavoor.
Hameed, A. K., Perumbavoor.
Hameed Moiden, M. K., Do.
Kunju Mohammad & Brothers, A. A., Do.
Sreedharan Pillai, M., Alwaye.
Subbiavaier, M., Perumbavoor.
Varghese, P. P., Alwaye.

COMMISSION AGENTS.

Abdul Hameed, Agent, S. O. C., Alwaye.
Janardanakammath, Agent, B. O. C, Alwaye.

EXPORTERS AND IMPORTERS.

Makkar Pillai & Sons., Alwaye.

GENERAL MERCHANTS.

Abdul Kadir, M. P., Alwaye.
Agasthy, K. P., Do.
Ahammad, T. V. K., Thottumukom
Ahammunny Sahib, M. K., Alwaye.
Ananthan Pillai, V. G., Alwaye.
Chakkappan, E. P., Ankamaly.
Deva Raja Iyer, Kuruppampady.
Hajee Saithammathu, Palliakkara.
Ittiachan George, Kalady.
Ittan Mathai, Puthenouruz.
Kadir Mooea P., Alwaye.
Komu, V. K., Alwaye.
Kunjan, C. K., Perumbavoor.
Kunjavira, K. J., Kalady.
Kuriathu, A. P., Do.
Makkar Sahib, P. K., Alwaye.
Moithu, N. V., Perumbavoor.
Mathoo Mathoo, Kuruppampady.
Mathoo Olahannan, Puthencuruz.
Mussa, P. S., Alwaye.
Paily Varkey, Pallikkara.
Pothen Varkey, Puthencruz.
Varghese, E. P., Kalady.
Varkey, E. P., Ankamaly.

GOLD MERCHANT.

Krishna Iyer, N., Perumbavoor.

MILL OWNERS.

Krishna Iyer, L., Perumbavoor.
Kunju Mohammad, Alwaye.
Mathayi Kochuvareed, Do.
Muhammed Pillai, Do.
Vareed, C. L., Do.

RICE MERCHANTS.

Korula, T. V., Perumbavoor.
Viswanatha Iyer, Do.

WHOLESALE DEALERS.

Hussan Rowther, S. S., Alwaye.
Mohammad, M. K., Alwaye.
Ooran, T. V. K., Alwaye.
Rowther, S. M., Alwaye.
Thariathu, U. M., Alwaye.

KUNNATTUR TALUK.

CLOTH MERCHANTS.

Geevarghese Thomas, Paracode, Adoor.
Joseph, P. T., Paracode, Adoor.
Kuriyan Koshy, Paracode, Adoor.
Pitchu Aiyar S. P. Adoor.

GENERAL MERCHANTS.

Chacko Muthalaly, Adoor.
Gopala Pillai, K., Sasthamcotta.
Krishna Kurup, M., Paracodo, Adoor.
Kunjuraman Pillai, N., Paracodo, Adoor.
Krishna Pillai, R., Saethamcotta.
Mohamod Kunju, Sasthamcotta.
Narayana Pillai, P. G., Paracode, Adoor.
Narayana Pillai, K., Paracode, Adoor.
Oommen Gheevargheeo, Adoor.
Parameewaran Pillai, K. P., Kodumon.
Philipose, C., Adoor.
Venugopala Shenoi, Adoor.

STATIONERS.

Raman Pillai, N., Sasthamcotta.
Sekharan, V., Adoor.

TOBACCONISTS.

Mytheenkunju, Sasthamcotta.
Purushothaman, K., Adoor.

MAVELIKARA TALUK.

AGENTS.

Chanda Pillai Mathai and Sons, Agents for H. & C. Tiles and Surkey.

GENERAL MERCHANTS.

Abraham, C. A., Karanma, Chennithala.
Chacko, K. M., Thazhakara.
Chanda Pillai Mathai and Sons.
Itticheriya John, Valavoor Peedika, Thattarambalam.
Kadirkunju, S. M., Ellikulathu, Choonattu market, Vallikunnam.
Kesava Pillai Narayana Pillai, Kalekkal, Bharanikavu.
Koyammadu Ebrahamkutty, Arekkara Markot, Vallikunnam.
Koyammadu Muhammedu Kunju, Cheruvallil Peedika, Vallikunnam.
Kunjan Pillai, Puthiacavu.
Kunjukrishnan Nair, P., Kurathikadu, Thekkokara.
Kunju Meethiyan Muhammedu Kunju, Choonattu market, Vallikunnam.
Kuriyan Yohannan, Mozhuthekkathil, Bharanikavu.
Madhava Panicker, N., Choonattu market, Vallikunnam.
Muhammedu Lebba Ebraham Lebba, Koyikkal Peedika, Vallikunnam.
Narayana Pillai, K. N., Punnamoodu, Thekkekara.

Nainan, W. O., Cherukole, Chennithala.
Oommen., M. G.
Padmanabha Pillai, N., Pandalam.
Raghavan, K. S, Punnamoodu, Thekkekara.
Subbarai Pai, G., Dealer in Hardware, Provisions, etc.
Thomas Brothers, Puthiacavu.
Ummen, C. P., Karuthedathu kata, Thattarambalam.
Velayudha Panicker Parameswara Panicker, Variyathu Patinjarathil, Chennithala.
Yohannan George, Pandalam.

MERCHANTS.

Cherian Chacko, Kandiyoor.
Easo Yohannan, Karipuzha, Kannamangalom.
Geevarghese Daniel, Kadavoor Muri, Kannamangalom.
Geevarghese Oonnunni, Manjadithara, Bharanicavu.
Geevarghese Philipose, Thonduparambil, Thazhakara.
Govindan, R., Ponathu Muri, Thekkekara.
Idikula Thomas, Naduvile Muri, Pandalom.
Kochaippu Yohannan, Kythavadakkum Muri, Kannamangalom.
Kochu Kunju Koshy, Kattanam, Bharanicavu.
Kochukunju Mathai, Anjilipra Muri, Kannamangalom.
Koshy, V. I., Kadavoor, Kannamangalom.
Koshy Koshy, Cherumukhu, Noormadu.
Koshy Jacob, Plamoottil Vadakkathil.
Kumara Pillai Chellappan Pillai, Eresha Vadakku, Kannamangalom.
Mathai, M. K., Mamoottil, Thazhakara.
Narayana Panicker, Karanma, Chennithala.
Oommen Ikka, Puthiacavu.
Oommen, K. O., Thazhakkara.
Ouseph Yohannan, Charumoodu, Chunakkara.
Philip, P. K., Ottethu Veedu, Thazhakara.
Philippose Oommen National Stores, Chennithala
Samuel, M. O., Mamoottil, Thazhakara.
Sankara Pillai, A. V., Cherumukku, Nooranadu.
Sree Balakrishna Stores.
Sree Swathi Stores
Thomas Samuel, Thazhakkara
Thomas, M K., Mamoottil, Thazhakkara.
Thomas Kurien, Plamoottil house, Kuttisserial.
Ummen Mathai, Nadavallil, Thazhakara.
Varghese Chacko, Puthiacavu.
Velayudhan Pillai, M., Kadavoor Muri, Kannamangalom.
Varughese, M. K., Mamoottil, Thazhakara.

STATIONERS.

Abraham, V. M.
Chanda Pillai Chacko.
Chanda Pillai Mathai & Sons.
Geevarghese Daniel.
Sree Gopalakrishna Stores.
Koshi John, Plamootil Vadakkathil.

TOBACCONISTS.

George, V. M., Puthlacavu.
Geevarghese Mathew, Pandalom.
Idikula, K., Puthlacavu.
Thomas Joseph, Thazhakara.

MEENACHIL TALUK.

AGENTS.

Kuriakose, K. L. & Bros., Palai.
Zacharia, V. J., & Son., Burmah Shell.

AYURVEDIC PHYSICIANS.

Bhageerathi Amma, T. K., Poonjar.
Kunjappan Kartha, K., Mevida.
Madhava Kaimal, K., Kunakari.
Neelakanta Pillai, K., Ramapuram.
Rama Warrier, R., Kidangoor.
Varkey N. V., Thidanad.
Udanan Krishna Kaimal, Kadappur.

BANKERS.

Augusty Augusty, Central Bank, Palai.
Joseph Thomas, United Bank, Palai.
The Meenachil Co-operative Taluk Bank, Ltd. No. 1850, Palai.
Thomas Mathow, Bank of Meenachil, Palai.

CHEMISTS & DRUGGISTS.

Ittyavira, K., Palai.
Dr. Mathew, P. M., M. B. B. S., Poonjar.
Thomas, M. C., Palai.

CLOTH MERCHANTS.

Ayappan Pillai, S. Lalam.
Thomman Lazar, Palai.
Varkey, A. V., Palai.
Varkey,, V. M. & Bros., Lalam.

COIR MERCHANTS.

Mathew, V. I., Palai.
Mathoo Joseph, Meenachil.
Varghese Devasia, Lalom, Palai.
Thomas, J., Palai.

PHOTOGRAPHER.

Devasia Thomas, Palai.

PRINTERS & PUBLISHERS.

Barathachandrika Press, Lalam.
Punnose, K. M., Palai.
Thomas, M. C., St. Mary's Press, Palai.
Thommen Francis, St. Joseph Book Depot, Palai.

RICE MILL OWNERS.

Augusthy Thomas, Kayyalakakam, Palai.
Devasia Joseph, Edamattom.
Scaria Varkey, Poovarani.

TIMBER MERCHANT.

Thomas, K. V., The Travancore Wood Works Factory, Poonjar.

MUVATTUPUZHA TALUK.

AGENTS.

Ramaswamy Iyer, N., Agent,—Burmah Shell, Muvattupuzha.

BANKERS.

Christian Industrial Bank, Kothamangalam.
Devasia, Palai Central Bank Ltd.
Joseph Jacob, Kothamangalam
Kuripe Abraham, Angadikara.
Mathoo Paulo, Ramangalamkara.
Thommen Thommen, Piravom.
Varkey Joseph, Kuthattukulam

CLOTH MERCHANTS.

Chacko Cheriyan, Piravom.
Ittan Varkey, Ramangalamkara.
Krishna Aiyar, T. K. R. Muvattupuzha.
Mathai Abraham, Kuthattukulam.
Mathai Joseph, Ramangalamkara.
Narayana Iyer Narasimha Iyer, Kuthattukulam.
Pouloee, N. P., Muvattupuzha.
Pyli Chacko Do.
Pyli Ittiavira, Ramangalamkara
Skaria Joseph, Kuthattukulam.
Subramonia Iyer, O. S., Muvattupuzha.
Varghese Joseph, Kuthattukulam.
Varkey Kur ian, Arakuzha
Varkey Varkey, Piravom.
Venkiteswara Aiyar, S. Muvattupuzha.
Vettikattil Pyli Iype, Ramangalamkara.

GENERAL MERCHANTS.

Aliyar, A. M., Muvattupuzha.
Asan Rowther, V. P., Ramangalamkara
Ayappan Kanda, Kothamangalom.
Chacko Chacko, Piravom.
Chacko Thommen, Piravom.
Cheria Thommen, Kuthattukulam.
Damodaran Pillai, N., Ramangalamkara.
Devasia Ouseph, Kothamangalom.
Devasia, M. K. Do.
Deveesia Kuruvilla Do.
Ebraham Mohamed, Muvattupuzha.
Ebrai Moosa, Do.
Ittan John, Kuthattukulam.

Ittiyavirah Mathai, Piravom.
Janardhana Prabhu M. K. Muvattupuzha.
Joseph, T. N. Do.
Kanda Kunjan, Kuthattukulam.
Kochu Makar, K. K., Muvattupuzha.
Kora Ulahannan, Kuthattukulam.
Kuruvila Kuriakose, Kothamangalam.
Kuruvila Markoso, Kuthattukulam.
Kuruvilla Pouloso, Kothamangalam.
Kurien Kurien, Arakuzha.
Makar Pareed, Muvattupuzha.
Mathew, M. C., Kothamangalam.
Mathen Chacko, Piravom.
Mathai Joseph, Pittapilly, Ramangalamkara.
Mathai Kuriakose, Arakuzha.
Mathai Thomas, Muvattupuzha.
Mathew, N. E., Do.
Mathew Varkey, Kothamangalam.
Mohamed, P. E., Kothamangalam.
Parameswaran Pillai Narayana Pillai, Ramangalam.
Pareed Kochu Makar, Muvattupuzha.
Pyli Varkey.
Raman Pillai Sankara Pillai, Ramangalam.
Saidu Mohamad Rowther, V. P., Kothamangalam.
Skaria Avira, Kuthattukulam.
Suliman Ebrahim Rowther, Muvattupuzha.
Ulahannan Thomas, Piravom.
Ulahannan Ulahannan, Kuthattukulom
Varghese, K. P., Kothamangalam.
Vargese Mathai, Muvattupuzha.
Varki Kochu Varki, Muvattupuzha.
Varkey Uthup, Piravom.
Varkey Varkey, Piravom.

GOLD MERCHANT.

Kunjikutty Ali Anthru, Mulavoor.

HARDWARE MERCHANTS.

Pareed Moithen Bava, Mulavoor.
Sayed Mohamed, Do.
Ulahannan Skaria, Kuthattukulam.
Varkey Ittyavira Alumkal, Mulavoor.

MERCHANTS.

Kochukora Varkey, Mulavoor.
Kuruvilla Pyli, Do.
Mathai Pyli, Ramangalamkara.
Pilathottathil Abraham Mathai, Do.
Sulaiman Hussan Rowther, Ramangalamkara.
Ulahannan Mathai, Do.

RICE MILL OWNERS.

Abraham Mathew, Thekkaimaradikara.
Kurusunkal Mathai Joseph, Ramangalamkara.

RICE MERCHANTS.

Hussan Rowther P. O., Ramangalankara.
Kalatha Chandran, Do.
Padmanabha Kamathi, Mulavoor.
Sayed Mohamed Rowther, C. A., Ramangalamkara.
Thomman Kurian, Piravom.
Ulahannan Daniel, Kuthattukulam.
Usikannan Assan Rowther, Ramangalamkara.
Varkey Ulahannan, Kuthattukulam.

STATIONERY MERCHANTS.

Kunjikuri Mathai, Mulavoor.
Rowther, M. S., Do.
Sayed Abrayi, Do.
Seethy, C S., Do.
Varkey Varkey, Do.

TOBACCONISTS.

Kottakudi Pyli Poulose, Mulavoor.
Mathew Skaria, Do.
Varkey Chacko. Do.
Varkey Mathai, Ramangalamkara.

NEDUMANGAD TALUK.

GENERAL MERCHANTS.

Aliyar Kunju, M., Thekkumkara Muri.
Bhagavathi Pillai, V., Near the Satrom.
Ganapathirama Iyer & Bros, Near the Satram.
Parameswaran Pillai, A., Near the Taluk Office.

MERCHANTS.

Chellappan Panicker, P., Kattakada.
Govinda Panicker P., Kattakada.
Ramankutty Panicker, P., Kattakada.
Sankaran, P., Venjaramoodu.

NEYYATTINKARA TALUK.

CLOTH MERCHANTS.

Arunachalam, R., Amaravila.
Ayyappan Pillai, M.
Chidambaram & Bros., S. P., Balaramapuram.
Moideen Maluk Mohamed, Parassala.
Pandarom Chockalingom, Amaravila.
Ramalinga Bhattar, V.
Sreedharan Nair, K.
Umayarubhagom, Amaravila.

MERCHANTS.

Agustian Kalkodi, Balaramapuram.
Alyaru Kunju Muhammad Mohideen, Amaravila.
Ismail, S.

Kesava Panicker, Copra Merchant, Thiruvallam.
Lazar, Copra & Provision Merchant, Karinkulam.
Narayana Pillai, K., Fancy Goods Merchant.
Perumal Pillai, M., Fancy Goods Merchant.
Velayudha Panicker, Copra Merchant, Thozhickal Desom.

PROVISION MERCHANTS.

Abdul Havab, A. S., Poovar.
Jadamuni Pillai, S.
Manuvel Nadar, A., Uchakada.
Muhamed Noohu, A. A. M. & Bros., Poovar.
Padmanabha Pillai, V., Balaramapuram.
Pandaram Ganapathy, Amaravila.
Parameswaran Nadar, P., Olathanni.
Parameswaran Pillai, M., Neyyattinkara.
Parameswaran Pillai, N., Parassala.
Sankaran, T., Balaramapuram.
Sasthavu, Balaramapuram
Subramonia Varuvel, Kulathur.

TOBACCONIST.

Muhammad Meeran Pillai.

PARUR TALUK.

BANKERS.

Augusti Poulo, St. George Union Bank, Varapuzha.
Balakrishna Pillai, K., Madathikkattu House, Ayroor.
K. C. M. Bank, Edapally.
Nair, K. P., Manager, Madathikkattu Bank, Parur
Poulo Titus, Manager, Town Bank, Parur.
Rama Subba Iyer Sachitananta Iyer, Manager, Vijayalakshmi Bank, Parur.
Sankara Panicker, T. G., Tharamel Bank, Ezhikkara.
Varky Lona and Poulo Lona, Joint Managers, Syrian Christian Bank, Parur.

BOOK SELLERS & STATIONERS.

Sri Krishna Book Depot, Book sellers and Stationers etc., Perumbavur.

CLOTH MERCHANTS.

Ayyappan Raman Pillai, Veliyathunad, Chengamanad.
Aydrose, V. K., Edapally North.
Bava, K. A., Piece goods merchant, Cloth Bazaar, Perumbavur.
Kochuuni Haji Bava & Brother, Edapally North.
Koodapilli Cheeku Xavier, Kadungalloor.
Krishna Pillai, K. M., Parur.
Krishnan Krishna Kurup, Parayil, Chengamanad.
Kunjalena Muhamed, Parur.
Kunjavera Varghese, Painadathu, Chengamanad.
Narayanan K. A. & Co., Karumaloor, Ayroor.
Parampathu Muhamad, Kadungalloor.

Sankaran Nair, G., Desam, Chengamanad.
Sankaran Krishna Pillai, Vada kaedathu, Chengamanad.
Subbayya Iyer, V. M., Wholesale & Retail Piecegoods Merchant, Perumbavoor.
Tharakan, K. C. J., Settlement Store, Ayroor.

EXPORTERS

M. Pers, Ltd., Exporters: (Governing Director: M. Pers; Director: B. Machad.)

GENERAL MERCHANTS.

Achuthan Parameewaran Pillai, Thekkae Aduvassery, Ayroor.
Ahamed Meethiyan, Edapally North.
Anthony Koohu Varkey, Mannadanparambil, Neerikodu, Alangad.
Ayyappan Raman Menon, Parakkadavu
Ayyappan Ayyappan Menon, Parakadavu.
Ayyappan Pillai Neelakanta Pillai, Vayal, Ayroor.
Ayyappan V., Edapally.
Ayyappan Raman Pillai, Veliyathunad, Ayroor.
Ayyappan Madhavan Pillai, Chengamanad.
Aesankutty Ahammathunni, Karumaloor, Ayroor.
Augusti Varghese, Vadakkae Aduvassery, Ayroor.
Avukkan Kunjan Pillai, Puthuvassery, Ayroor.
Chennan Ambl, Kadungalloor.
Essoop Makkaru, Manjali, Ayroor.
Gopalakrishna Menon, K. N., Parakadavu.
Iype Kochu Variathu, Parakadavu.
Itteechan Pappu, Ezhikkara.
Kutti Ali Mamoo, Parur.
Koonan Pyli Cheria, Putbenchira.
Kunjali Mohamed, Manjali, Ayroor.
Kunjavara Muhamed, Veliyathunad, Ayroor.
Kesava Pillai Madhavan Pillai, Karumaloor, Ayroor.
Koohunni Haji Bava & Brother, Edapally North.
Kochunni Kathiru, Edapally North.
Korala, T. V., Perumbavur.
Kunjan, C. K, Perumbavur.
Kunju Raghavan Nair, Ezhikkara.
Kutti Makan Cochunni, Kadungalloor.
Kunjavara Varghese, Painadathu, Chengamanad.
Lona Iype., Parakkadavu.
Lonappan Iype, Malloosere, Chengamanad.
Mankkan Kumaran, Alengad.
Mathu Kunju Variathu & Iype Mathu, Parakadavu.
Makkaru Mohamed, & Co., Veliyathunad. Ayroor.
Makkaru Kunjali Naina, Karumaloor, Ayroor.
Makkotha Narayanan, Edapally North.
Mathai Louis, Chettikad, Vadakkekara.
Mathai Thomman Kutty, Padamattunnel, Vadakkekara.
Mathu Cheriathu, Mekkad, Chengamanad.
Mathu Varky, Chengamanad.
Meethian Kathiru Pillai, Methanam, Alengad.

GENERAL MERCHANTS—(*contd.*)

Moidu, N. V., Perumbavur.
Narayanan Nair, K., Kadungalloor.
Ouseph Poulo, Ayroor.
Ouseph Poulo, Chirakkal Manavalon, Ayroor.
Ouseph Devassy, Neduvannoor, Chengamanad.
Ouseph Kuria, Mallooseri, Chengamanad.
Ouseph Poulo, Mallooseri, Chengamanad.
Parameswaran Pillai, P., Chengamanad.
Padmanabhan Krishna Pillai, Chengamanad.
Poulo Jacob, Akaparambu, Chengamanad.
Pyli Varky, Poykkattusseri, Chengamanad.
Paul V. J. & Paul, K. N., Kongorpilly, Alongad.
Parameswaran Parameswaran Nair, Ayroor.
Parameswara Panicker Anantha Panicker, Kunnu, Ayroor.
Raman Kochukutten Nair, Alengad
Ramunni Raman, Alongad.
Raman Pillai Thankappan Pillai, Veliyathunad, Ayroor.
Raghavan Pillai, K., Desam, Chengamanad.
Raman Achutha Warrier, Chengamanad.
Kappei Kochuvariathu, Vadakkael, Kadungalloor.
Sankaran Nair, A., Kadungalloor.
Sankaran Nair, G., Desam, Chengamanad.
Tharakan K. C. J., Settlement Store, Ayroor.
Thariathu Joseph, Parakadavu
Thomas, B. R., Parakadavu
Uthup Variathu, Mekkad, Chengamanad.
Varkey Vargheso, Poykkattusseri, Chengamanad.

HARDWARE MERCHANTS.

Pyli, Kayanattu, Kadungalloor.
Pothi Eliyavu, Parur.

MEDICAL PRACTITIONERS.

Dr. Narayana Pillai, N. L. D. Sc., Dental Surgeon, Perumbavur.
Dr. Varkey, T. M., L. M. P., Rgd. Medical Practitioner, Perumbavur.

TOBACCONISTS.

Athirman Ahamed, Kadungalloor.
Ayyappan Ayyappan Menon, Parakkadavu.
Baskara Menon, K., Parakadavu.
Chummaru Ouseph, Ayroor.
Chummaru Ouseph, Parur.
Kunjuvara Varghese, Painathu, Chengamanad.
Makkaru Muhamad & Co., Veleyathunad, Ayroor.
Mathu Varghese, Chengamanad.
Mathu Kochu Variathu, Parakadavu.
Muhamad, O. S., Kadungalloor.
Sankaran Krishna Pillai, Chengamanad.
Thomas, B. R., Parakadavu.
Variathu Veerankutty, Edapally.

PATHANAMTHITTA TALUK.

BANKERS.

Abraham, M. V., Ranni.
Cheriyan, T. M., Kozhencherry.
George Varghese, Pathanamthitta.
Joseph George, B. A., Kozhencherry.

CONTRACTORS.

Abraham Kochu Thommen, Ranni.
Cheriyan, M. I., Ranni.
Gopalakrishna Pillai, K. P., Timber Contractor, Ranni.
Idicula Kochu Chacko, Omallur.
Krishna Pillay, G., Konni.
Krishna Pillai, S., Konni.
Kurian, M. K., Mundapuzha.
Peria Meeran Shaik Muhammed Rowther.
Sasthavu Pillay Perumal Pillay, Ranni.

GENERAL MERCHANTS.

Abhinnathu Meeramouthi Rowther.
Chacko, C. N., Kozhencherry.
Daniel, N. I., Konni
Francis Fernandez, Perunad.
Geevarghese Geevarughese, Vadasserikara.
Gopala Pillay, V.
Idicula, N. M, Ranni.
Ittyavirah Uthappan, Ranni.
Jinta Shaik Mudar Sahib.
Kora, P. I., Ranni.
Krishna Pillai, R., Konni.
Kurien Thomas, Ranni.
Mathen Abraham, Kozhencherry.
Mathew, C. M., Kozhencherry.
Mathen Varughese.
Mathunny Abraham, Kozhencherry.
Narayanan Veloo, do.
Paul, K. & Sons, Kozhencherry.
Philip, P. J., Angadi, Ranni.
Raman Kesavan, Omallur.
Sulaiman Rowther, Konni.
Thomas, K. M
Thomas Mathew, Vadaserikara.
Thomas, K. Kozhencherry.
Yohannan Oommen.

GOLD MERCHANT.

Ponnappan Asari, A.,

PRINTERS & PUBLISHERS.

Mammen, M. M., C. P. M M. Press, Kozhencherry.
Oomman, K. C., Manager, Golden Printing House, Pathanamthitta.

RUBBER DEALERS.

Abraham, K. S., Ranni.
Abraham Mathew, Ranni.
Idicúlla, N. M, Licensed Dealer, Nellikal Rubber Store, Ranni.
Uthuppen, P. I., Ranni.

PATHANAPURAM TALUK.

CLOTH MERCHANTS.

Hameed Rowther, Punalur.
Sankara Pillai. N., Punalur.

GENERAL MERCHANTS.

Chacko Chacko, Anchal.
Chellappan, K.
George. M. M., Ayoor.
Joseph Francis, Punalur.
Kasim Pillai, M., Kulathupuzha.
Kesavan Gopalan, Anchal.
Kuriyan, K., Punalur
Kunju Makanda Kochidikala, Punalur.
Kuriyan, N K., Kulathupuzha.
Kuriyan Mathunni, Punalur.
Masana Muthu Chettiyar. K., Punalur.
Meera Pillai Rowther, M. E.
Mohomad Khan Rowther, S.
Moitheen Picha Rowther, E., Edamon.
Muthia Pillai, S., Anchal
Mytheen Kunju, P., Punalur.
Neelakantan Krishnan, Edamulakal.
Padmanabha Pillai, N., Chengalapalli, Punalur.

STATIONERS.

Abdul Kadir, Punalur.
Asanaru Pillai Abdul Rahiman, Anchal.
Pakir Mohamad Kunju Vava, Anchal.

PEERMADE TALUK.

CLOTH MERCHANTS.

Chidambaram Pillai, A. S., Pambanar.
Chidambaram Pillai, C. P., Pambanar.
Ettumanoor Trading Co. Ltd., Vandanmettu.
George, M C, Arudai.
John, M. C., do.
John Zacharia, P., & Co, Ltd. do.
Kolar Rowther, K. V., Pambanar.
Kurula Gheevarghese, Elapara.
Kunjand K M, Cheenthalar.
Kuriakose, P. P., Elapara.

Mohamed Abdul Kadir Rowther, A. K., Vandiperiyar.
Mohamadappa Rowther, C. A., do.
Mohamed Meera Rowther. N. do.
Mahamed Mussaliar, C. M., Mundakayam.
Mohamed Mustaffa Rowther, V. K., Vandiperiar
Mammen K. & Sons, Mundakayam.
Raghavan K. do.
Sayed Muhammad Rowther, P. P., Pambanar.
Samuel Nadar E., Elapara.
Someswar & Co., do.
T. K. Pillai, Mundakayam.
Varughese, V. V., Elapara.
Vayapuri Chetty & Sons, Mamalai.
Vayapuri Chetty, P. S., & Sons Vandiperiyar.

GENERAL MERCHANTS.

Abraham, K. K., Pambanar.
Abraham, K. K., Vandiperiyar.
Ahamathu Khan K. M., Pullikonam.
Batcha Rowther, Kumili.
Chidambaram Pillai, C. P., Pambanar
Daniel, G., Cheenthalar.
Daniel Abraham, Alampalli.
Ettumanoor Trading Co., Ltd., Vandanmettu.
John, P. J., Vandiperiyar.
Koohumman, K. K. Boramai.
Kolar Rowther, K. V., Pambanar.
Kunjikutti Ali, K. A., Mundakayam.
Mahamed Mussaliar, C. H., Mundakayam.
Mahuthi Haji, P. M., do.
Meerannan Rowther, P. M., Elapara.
Muthu Rowther, C. P., Elapara.
Pakir Mytheen Rowther, Kumili.
Sayed Mahamed Rowther, C., Pambanar.
Yohannan, P. O., Alampalli

RICE AND PADDY MERCHANTS

Abdul Khadir, P. B., Elapara.
Abraham K. K., Pambanar.
Appatti Maiden Kunju Rowther Elapara.
Cheriyan C. Pambanar.
Daniel G., Church Hill.
Edavazhikal Kurien Cheriyan, Chennapara.
Edavazhikal Kurien Zacheria, Mundakayam.
Edavazhikal Markose Zacharia, Vellani.
Enos Varghese, Elapara.
Ettumanu Trading Co., Ltd., Vandanmettu.
George, M. C. Arudai
Hasan Rowther P. P., Arudai.
Idiculla, I. D., Elapara.
John M. C., Arudai
John Zacharia P. & Co. Ltd., do.

Kuriakose, P. P., Elappara.
Kutty, K, Arudai.
Mytheen Kunju Rowther, M, Poruvantanam.
Pakir Mahomed Meerannan Raother, Palookavoo.
Philip, P O., Arudai.
Sayed Muhammad Rowther, C, Pambanar.
Varghese, V. V, Elapara
Varghese Manjooran, Elapara

WINE AND SPIRIT MERCHANTS.

John Zacharia, P., & Co., Ltd. Arudai.
Koshy, M. P. do.
Spencer & Co. Ltd, Arudai.
Spencer & Co. Ltd, Vandiporiyar.
Travancore Trades, Bonami.
Do. Vandiperiyar.

QUILON TALUK.

AGENTS.

Arumughom Nadar, S. T, Chinnakada.
Narayanaswamy Reddiar, Big Bazaar.
Shah Sivaraj Gopalji.
Veeraraghava Aiyar & Co, A. V., Burmah Shell 'B' Agents.

AYURVEDIC PHYSICIANS.

Kesavan Vaidyan, Bharatha Pharmacy.
Krishnan Vaidyan, N. P, Sri Krishna Vilasom Vaidyasala.
S. T. Reddiar and Sons, T. V., Jeevarakshamani Vaidyasala.
Narayana Kurup, P. N., H. M. C., Grant-in-aid Ayurveda Vaidyan, Perinad.

BAKERS & BISCUIT MANUFACTURERS.

The Crown Bakery, Big Bazaar.
Veloo, M., Royal Biscuit Factory, Big Bazaar.

BANKERS.

Kesavan Vaidyan, K. N., Paravoor.
Parameswaran Pillai, K. R., The Paravoor Urban Co-operative Bank, Ltd.
Ponniah Pillai, P. A.
Sri Vilasom Bank.

CHEMISTS & DRUGGISTS.

Renkaraja Pillai & Sons.
Vanamoorthy Konar, C.

CLOTH MERCHANTS.

Abdul Kasim Sahib, A., Main Road.
Gopala Pillai, V., Valiakada.
Haji Thayeh Abdul Haneef Sait, Big Bazaar.
Ismail, M. L. P., Big Bazaar.

Krishna Iyer Devanarayana Iyer, N. K. K
Lekshmana Iyer, A. L. K. R. M
Rajagopala Reddiar, P.
Veeriah Reddiar, S.
Venkitaswami, C., Chinnakada.

COIR MERCHANT.

Nanoo, K. V.

DEALERS IN CYCLES, MOTORS, ETC.

Mammen & Co., Motor Car Dealers.
Subramonia Iyer, T. S., Proprietor, Electric & Motor Works.

DENTISTS.

Balakrishna Pillai, M. R., C. O. S., Capital Dental Hall, Main Road.
Dr. Cyril F. Dias, L. P. D. S.
Dr. Mathew Tharakan, K. C., L. M. S (S. A.) C. D. S. H. M B & M. I. H. C., Dental Surgeon.

EXPORTERS OF—DIRECT.

Travancore Minerals Co., Ltd.

GENERAL MERCHANTS.

Aiyappan Pillai, M.
Ebrahim Pillai, M., Vadayattukotta.
Ebrahim Pillai, V. K., Near Bus Stand.
Fernandez, G. F., & Sons
Fernandez, L. F., & Sons.
Gopala Pillai, K. G.
Kesava Pillai, P., Big Bazaar.
Masthan Rowther, T. A.
Metra Das Madhava Das.
Mohamed Kunju, N.
Mohamed Kunju, A. & Sons, Chinnakada.
Sankara Iyya Naidu, M. C., Chinnakada.
Sheik Pareed, P. A., General Supplying Store.
Shunmughasundaram Chettiyar, M. P., Chinnakada.

GOLD & SILVER MERCHANTS.

Abdul Rahiman Pareed Kunju, Big Bazaar.
Babji Sahib, M., Big Bazaar
Sivaraman Achary, S., Gold Merchant, Big Bazaar.

HARDWARE MERCHANTS.

Abdul Hassan & Co.
Ghuna Shenai
Pillai, S. V., Big Bazaar.

HOTELS & RESTAURANTS.

Gopala Pillai, P. K., Annapoornalayam Hotel & Hostel, Chinnakada.
Gopala Pillai, Manager, Viswanatha Vilasom Hotel & Teashop.
Thomas Xavier, Town Hotel, Chinnakada.

MERCHANTS.

Hussain Kutty Haji, T. C., Dealer in Tea, Coffee, Rubber, etc.
Industrial Works, S. K. V., Manufacturers of Cocoa, Mats, etc., Paravur.
John, C L., Dealer in Picture, Glass & Leather, Main Road.
Kadir Kunju, M., Tannery & Salt Merchant.
Kunju Mytheen Kunju, A. & Co., General Oil Trading Co.
Mohamed Kunju, M., Salt Merchant, Big Bazaar.
Muthuswami, M., & Sons, Picture Merchant, Curzon Road.
Narayana Iyer, S. S., & Sons, Snuff Merchants.
Narayana Pillai, K., Big Bazaar.
Oomachen, M. V., Singapore Photo Studio.
Poosayya Konar, K., & Sons, Perfumers.
Ramachandra Pillai, A., Sri Gopal Ink Works.
Sahib Abdul Kadir Mohamed Mytheen Pillai, Brassware Merchant.

OPTICIANS.

Thomas Henry & Co., Chinnakada.

PRINTERS & PUBLISHERS.

Reddiar, S. T., & Sons.

PROVISION MERCHANTS.

Abdul Sac, E. V.
Ahamed Kunju, A., Big Bazaar.
Alikunju Mytheen Kunju.
Asanaru Kunju Mytheen Kunju, Big Bazaar.
Krishna Pillai Narayana Pillai, Main Road.
Lohannan, C.
Lohannan, K., Kundara.
Mohamed, V. S., Big Bazaar.
Padmanabha Pillai, V. G. N.
Parameswaran Pillai, K. V. K.
Ramanatha Iyer, N., Big Bazaar.
Raman Pillai, G., Chinnakada.
Sankara Pillai, K. G.
Velayudhan Pillai, P.

RICE MERCHANTS.

Hoosain Hassan Dada.
Krishna Iyer, T. V.
Mohamed Kannu Mytheen Kunju, Big Bazaar.
Mohamedali Kunju, M., Big Bazaar.
Narayana Pillai, P., Big Bazaar.
Padmanabha Pillai, K., Big Bazaar.
Sha Thalakasee Vatchraji, Big Bazaar.
Soopy, T., Big Bazaar.
Srinivasa Pai, A., Big Bazaar.
Tharmohamed Jooseh Sait.

STATIONER.

Avukar Pillai, K. M.

TOBACCONISTS.

Abdul Kasim, K., Big Bazaar.
Bava Kunju, S.
Krishna Iyer, A., Big Bazaar.
Madhavan Nair, K.
Mohamed Ali Abdul Rahiman, M., Big Bazaar.
Parameswaran Pillai, K., Big Bazaar.
Rajanayagom Pillai, M. C., Big Bazaar.
Raman Pillai Govinda Pillai, V.
Selvadurai Pillai, V. S.
Syed Mohamed Mytheen Kunju, Chinnakada.

SHENCOTTA TALUK

CLOTH MERCHANTS.

Avudiappa Pillai.
Ramalingom Pillai, T., Bombay Stores.
Saidappa Rowther, M. K.

GENERAL MERCHANTS.

Mohamed Nainar Annavi
Pichandi Moopanar.
Sheik Abdulkadir Rowther,
Velayudhan Pillai, P.

RICE AND PADDY MERCHANT.

Venkitachalam Iyer, R.

RICE MILL OWNERS.

Ahammed Rowther.
Chickander Rowther.
Hajee Sayyad Mohamad Ninar Pillai Rowther.
Mesther Rowther.
Mahommed Nahoor Kani Rowther.
Mohammadappa Rowther, M.
Muthuswami Pillai, S.

TIMBER MERCHANT.

Arumukhom Pillai, S.

WINE MERCHANT.

Chodalamuthu Pillai, V.

SHERTALA TALUK.

AYURVEDIC PHYSICIAN.

Venkateswara Shenoi, Muttathangady.

CLOTH MERCHANTS.

Ramachandra Pai, V., Muttathangady.
Naga Kammathy Anantha Kammathy, Muttathangady.

COPRA MERCHANT.

Narasinga Shenoi, Pattanakad.

GENERAL MERCHANTS.

Joseph Vanniamparampu, Muttathangady
Narayana Prabhu, N., Muttathangady.

GOLD MERCHANT.

Narayana Shenoi Padmanabha Shenoi, Muttathangady.

MERCHANTS.

Anantha Shenoi Geori Shenoi, Thuravur.
Avuseph Avusoph, Muttathangady.
Baba Prabhu Ananta Prabhu, Thuravur.
Chacko Chandy, Puthanangady.
Kadutha Sankaran, Muttathangady
Kochupilla Mahomed, Thuravur.
Madhava Shenoi Lekshmana Shenoi, Thuravur.
Maloo Moosa, A. V., Kuthiryathode.
Mohammed, N. K., Kuthiathodo.
Narayana Pai Govinda Pai, Muttathangady.
Ouseph Ithac, Neyyarappallil, Muttathangady.
Rama Prabhu Venkateswara Prabhu.
Renga Kini Venkitta Rao, Thuravur.
D. Venkiteswara Shenoi, Kathiyathode.

THODUPUZHA TALUK.

CLOTH MERCHANTS.

Mathen Varkey, Vazhakulam.
Krishna Pillai, P. R.
Ulahanan Mathai.

MERCHANTS.

Etheppan Ouseph.
Mathen Pyli, Vazhakulam.
Mammikalanthan.
Ouseph, P. C.
Thommen Mathen, Karikode.
Varkey Iype, Vazhakulam.
Varkey Paily, Vazhakulam.
Anthru, K. K.
Venkittaraman, S.

TOVALA TALUK.

RICE AND PADDY MERCHANTS.

Krishna Pillai, S. M. S., Aramholy.
Subramonia Pillai, C. N., Aramboly.

TRIVANDRUM TALUK.

AGENTS.

Alexander, T. A., United Agencies.
Krishnamachari, United India Life Assurance.
Krishnaswamy, T. S., Agent, The Hindu.
Philip, M. P., National Insurance Co.

Ulahannan Thoppil, B. A., Sales Agent, the Madras Mail.
Sivaramakrishna Iyer, Peninsular Plantations.
Subbier S , B. A., Sole Representative for Travancore of Messrs. E. Spinner & Co., Bombay., College Lans, Trivandrum.

AGENTS OF COMPANIES.

Stanes Motors (South India) Ltd., Trivandrum (General Motors Distributors).

BANKERS.

Azhakappa Aiyar, C., South Strset, Fort.
Bank of Travancore.
Lakshmana Sastry, C., Fort.
Nedungadi Bank.
Oriental Banking Corporation
Palai Central Bank.
Raghavavila-om Bank.
Ramalingom Pandit, N , Cantonment.
Reddiar, M. S., Cantonment.
Sarma Bros., Ltd.
South Indian Bank.
Trivandrum Permanent Fund Ltd.
Bank of India

BOOK SELLERS & PRINTERS.

Bhanumathy Amma, K., Sarada Book Dspot.
B. V. Book Depot.
Fernandez, L. F , City Press.
Reddiar Press Book Depot.
Sekhar, G. P., Publisher, Punnapuram.
Sreedhara Press.
V. V. Publishing House.

CLOTH & YARN MERCHANTS.

Abdul Sakoor Abba Hassam Sait, & Sons, Propristors, "The Bombay Trading Company," Chalai Bazaar.
Chellappan Pillai, C P., Kaithamukku.
Govinda Pillai, R., Chalai.
Haji Ismail Haji Salai Mohamed, Chalai.
Kasi Aiyar, R. S. A. C , Yarn Merchant, Chalai.
Subramonian Chettiar, P., Chalai.
The South Travancors Yarn Co., Chalai.
Velayudhan Pillai, S., Kaithamukku.

CHEMISTS & DRUGGISTS.

Co-operative Medical Storss, Puthenchanthai.
Lekshmi Medical Store, Puthenchanthai.
Medical Supplies, Puthenchanthai.

CONTRACTORS.

Bustian Gomez, Pettah.
D'Cruz, M., Landing and Shipping, Valiathura.

Fernandez, J. P., Valiathura.
Francis, M., Engineering.
Imperial Trading Co., nearCentral Station.
Japamony, V.
Kutten, C., Pettah.
Metropolitan Water Ways and Sanitary Works.
Perumal Pillai, S.
Rajaiah, V., P. W. D. Contractor.
Sivarama Konar, V., Devaswom Contractor.

HOTELS AND RESTAURANTS.

Andrew Xavier, Restaurant, Puthenchanthai.
Hotel Majestic.
India Coffee House, Main Road, Trivandrum.
Kesavan Potti, G., Grand Hotel.
Seetharaman Potti, Coffee Hotel, Cantonment.
Sreenivasan Potti, S., Coffee Hotel, Puthenchanthai.

IVORY MANUFACTURERS.

The Ivory Art Emporium, Main Road.
The Monini Fine Arts and Ivory Works, Main Road.
The Sree Mulam Fine Arts and Ivory Works, Do.

MERCHANTS.

Athletic Supplies, Cantonment.
International Trades, Ltd.
Kesava Pillai, T. N.
Krishnan Nair Bros.
Krishna, T. A., & Sons., Jewellers.
Kumaraswami Pillai, Travanoore Soap Works.
Nallasivan Chettiar, N., Gold Merchant, Chalai.
P. R. Bros, Dealers in Timepieces and Clocks, Main Road.
Pattar, M. N., Snuff Merchant, Chalai.
Pottivelu, S., Proprietor, S. P. Central Stores, Puthenchanthai.
The General Trading Co., Cantonment.
The Trivandrum Chit Fund.

MOTOR DEALERS,

Imperial Trading Co.
Marakkar & Co., Cantonment
Motor Sales and Service.
Stanes Motors (South India) Ltd., Trivandrum, (Austin Motors Distributors)

MOTOR DEALERS & ENGINEERS.

Stanes Motors (South India) Ltd., Trivandrum.

PETROL MERCHANTS.

Burmah Shell, "A.", Agency, George, K. I., B. A., Agent,
Burmah Shell, "B.", Agency.
Caltex, The Imperial Trading Co.
S. V. O. C., Subbiah Pillai, P. K.

PROVISION MERCHANTS.

Abdulla Abubacker Sait, Chalai.
Aiyavaiyar, Chalai.
Govinda Menon, K. P., Chalai.
Kuppan Chettiar, S., Chalai.
Mohamed Kannu, A. Manacaud.
Muthukrishna Iyer, Chalai.
Subbiah Pillai, N. P., Chalai
Subbiah Reddiar, P., Chalai.

RICE MERCHANTS.

Adam Haji Peer Mohamed Essac, Vallakkadavu,
Chockalingom Pillai, M., Do.
Haji Haboob Haji Peer Mohamed, Do.
Haji Sathan Haji Peer Mohamed Do.
Hussan Kasim Dada, Do.
Krishna Iyer, A. A. V., Do.
Mohamed Kannu, A , Manacaud.
Subbiah Pillai, P. K. Vallakadavu

SHOE MERCHANTS.

Bata Shoe Co., Ltd.
Trichur Leather Works.

SHOP GOODS MERCHANTS

Meera Sahib, S., Chalai.
Mohideen Maluk Mohamed, M. A., & Bros., Chalai.
Subramoniyan Chettiar, K. P. M , Chalai.
Syed Mohamed Kannu, M., & Sons, Chalai.

TOBACCONISTS.

Kolappa Pillai, A., Chalai.
Muthuswamy Pillai, Chalai.
Sivaramakrishna Iyer, R. M. V., Chalai.

VAIKOM TALUK.

CLOTH MERCHANTS.

Adimoolam Krishna Iyer, Western Gate.
Anthony John & Brother, Western Gate.
Kunjunni, K. S., Western Gate.
Kuttan Kuttan, Kypalliputhanparambil.
Kuttan Padmanabhan, Arimathazhil.
Ouseph Chandy, White House.

GENERAL MERCHANTS.

Ahamed Kanni Rowther, M. K., Thalayolaparambu,
Alikunju, K. M., Western Gate.
Chackunny Abraham, Chirapurayidam, Kaduthuruthy.
Cheriyan Chacko, Kochuthazhathu, Kaduthuruthy.

Damodaran Pillai, Thalayazham.
Geeri Pai Padmanabha Pai, Vadayar.
Giri Pai Sreedhara Pai, Northern Gate.
Ipe Ithac, Parayil, Mulakkulam.
Ismal Kochumuhammad, Panaparambu
Ittocp Varkey, Puthenangadyil.
Joseph, C. M., Western Gate.
Kesavan Vasu, Kareethara.
Kochahamad Kunju Ismail, Vadayar.
Krishna Kammathi, P., Vasanaseri.
Krishnan Vava, Panikottu.
Kurian Mathoo, Vargana Puthoor, Mulakkulam.
Mathai Mathen, Aynizhathu.
Mahamed, K. P., Western Gate.
Narasimha Naikan Krishna Nalkan, Chempu.
Narayana Pillai Krishna Pillai, Perayil.
Ouseph Chandy, Vechoor.
Ouseph Chacko, Kandarapalli.
Padmanaha Pillai, C. G., Puthenthottunkal.
Rama Mallan Krishna Mallan, Vadayar.
Raman Pillai Kumara Pillai & Sons, Puthenthottunkal.
Thoma Andrews, Kaduthuruthy
Thomman Punnuse, Kuruppamthara.
Thomman Chandy, Vechoor.

GOLD MERCHANTS.

Ganapathy Asari, Western Gate.
Thankamani Asari, Western Gate.

HARDWARE MERCHANT.

Sadananda Naickan, Western Gate, Vaikom.

TOBACCONISTS.

Gopala Kammathi, D., Western Gate.
Narayana Kammathi, R., Puthenthottunkal.

VILAVANCODE TALUK.

CLOTH MERCHANTS.

Abdul Kadir Pillai, Painkulam.
Appavu Nadar, A., Marthandam.
Kesava Panikar, M., Marthandam.
Kulathooran, T., Marthandam.
Kumaraswami Panikar, T., Puthukada.
Meenakshinatha Pillai, Puthukada.
Narayana Panicker. R,. Marthandom.
Shanmughom Panikar, S. T. E , Puthukada.
Thanu Pillai, Kuzhithura.

COIR MERCHANTS.

Kochu Manas, Kollencode.
Nagoor Meethian Meeran Pillai, Painkulam.

DEALERS IN MISCELLANEOUS ARTICLES.

David, Y., Krishna & Co., Fibre Factory, Palapallom, Mathicode.
Neelacanta Pillai, & Sons, Mathicode.

GENERAL MERCHANTS.

Appavoo, P., Marthandom.
Arumughom Pillai, T., Kuzhithura.
Avadayuppa Pillai, S. V., Kaliyikkavila.
Chinnu Pillai, Kuzhithura.
Gnanaprakasom, Padanthalumoodu.
George, M., Kuzhithura.
Janardhanan Pillai, R. N., Kuzhithura.
Kolappa Pillai, C., Marthandom.
Mathevan Pillai, E, Kuzhivila.
Mathevan Pillai, S., Kuzhivila.
Meethian Pillai, K., Kaliyikkavila.
Nayinar Pillai, S., Marthandom.
Shanmughom, V., Marthandom.
Subbayan, V., Marthandom,
Subbiah Pillai, P, Kaliyikkavila.
Veerabahu Pillai, C., Marthandom.

MERCHANTS.

Abdulkadar Pillai Suliaman Pillai, Kaliyikkavila.
Ananchaperumal Nadar, Karungal.
Arunachalam Pillai, S., Arumana
Ayyappan Pillai, Kollencode.
Chaithumuhamed, Ezhudesom.
Gopalan Nadar, Kollencode.
Kesava Pillai, P., Kollencode
Kumara Pillai, K, Kuzhithurai.
Kumaran Tampi, K, Painkulam.
Kumaraswami Panicker, K., Puthukada.
Malukmuhamed Peerukannu, Kaliakavila.
Meetheen Pillai Kannu, K. S., Thengapatanam.
Mohammed Yusuf, Puthukada.
Muhamed Noohu, S., Kollencode.
Nataraja Pillai, K, Kuzhithura.
Ponnuswamy Nadar, M. M, Painkulam.
Sankaranarayana Pillai, Puthukada.
Savari Adima, J, Kuzhithura.
Sivan Pillai, Puthukada.
Subramonia Panicker, E, Puthukada.
Swaminathan, A., Karungal.

PADDY AND RICE MERCHANTS.

Devavasan, S., Kuzhithura.
Padmanabha Pillai, P., Midalom.
Pitcha Pillai, P., Midalom.

Serial No.	Taluk.	Area in square miles.	Population (1941 Census.)	Finally Settled						Under settlement.			
				Reserved Forests.		Fuel Blocks.		Grazing Blocks.		Reserved lands.		Fuel Blocks.	
				Sq. miles.	Acres.	Sq. miles.	Acres.	Sq. miles.	Acres.	Sq. miles	Acres.	Sq. miles.	Acres.
	Trivandrum Division.												
1	Tovala	141·84	43,324	45	599	...	...	...	...	15	244	..	...
2	Agastisvaram	106·92	1,83,655	2	397	..	...	...	...	..	...	..	...
3	Kalkulam	228·19	2,42,566	82	324	...	117	...	...	...	...	..	...
4	Vilavankod	166·06	2,07,430	23	108	...	...	...	...	...	...	...	...
5	Neyyattinkara	232·96	3,06,612	34	554	..	532	..	...	...	...	...	..
6	Trivandrum	97·19	2,87,918	1	144	...	...	...	...	..	...	..	...
7	Nedumangad	366·47	1,87,495	139	62	...	91	...	.	2	159	..	...
8	Chirayinkil	146·50	2,28,069	2	375	...	...	...	...	...	...	...	...
	Quilon Division.												
1	Quilon	147·41	3,01,387	.	..	...	123	...	182	.	...	..	...
2	Karunagapalli	88·90	2,18,018	...	...	..	...	...	...	...	...	..	..
3	Karthigapalli	74·38	1,51,393	...	..	...	..	...	...	..	...	...	...
4	Kunnattur	150·46	1,41,742	7	552	...	...	.	382	12	448	...	...
5	Kottarakara	212·74	1,87,817	10	478	...	305	..	501	.	...	...	...
6	Ambalapuzha	147·35	2,69,866	.	..	...	..	...	275	..	...	.	...
7	Mavelikara	111·95	1,93,659	...	...	..	..	...	17	..	...	...	...
8	Thiruvalla	212·23	3,69,193	...	...	..	...	..	...	4	380	...	...
9	Pattanamtitta	905·49	1,98,223	484	361	..	..	1	290	20	497	...	...
10	Pattana puram	414·96	1,20,148	273	351	..	..	..	179	...	25	...	...
11	Shencotta	129·14	55,451	66	57	..	...	..	583	..	...	...	...
12	Shertalla	124·05	2,29,429	.	...	...	..	...	...	..	..	...	...
	Kottayam Division.												
1	Changanachorry	268·70	2,83,126	41	573	...	...	..	285	1	600	...	...
2	Kottayam	214·04	2,81,414	...	59	...	...	..	...	...	...	...	...
3	Vaikam	137·18	1,74,646	..	6	...	...	..	472	...	...	...	...
4	Minachil	278·49	2,44,302	...	..	...	116	..	125	...	...	..	...
5	Muvattupuzah	573·81	2,25,860	296	581	...	...	1	17	...	...	...	..
6	Kunnatnad	364·66	2,70,235	76	76	1	275	...	472	...	11	...	..
7	Todupuzha	361·60	1,23,775	228	276	...	...	..	196	...		...	..
8	Parur	113·43	2,07,971	...	...	...	...	..	492	...	...	...	...
9	Devicolam	667·03	64,395	235	458	...	191	...	...	35	...	...	...
10	Peermade	450·90	64,899	274	32	...	510	4	139	...	...	...	...
	Total	7635·33	60,70,015	2328	23	4	370	13	130	93	444	...	...

TALUKS.

Under settlement.		Backwaters.		Communications (length in miles.)			Veterinary Hospitals or Dispensaries	Allopathic Hospitals and Dispensaries—Government and aided	English High schools.	English Middle Schools.	Training Schools
Grazing Blocks.				Roads.							
Sq. miles.	Acres	Name	Area in square miles.	Motorable.	Non-motorable.	Water					
Trivandrum Division.											
..	..	...	..	103·52	30·18	..	1	2	...	1	...
..	..	Manakkudi.	1·67	160·85	1·95	..	1	4	2	5	2
..	204		..	166·72	65·02	...	1	5	2	4	1
..	...		..	89·92	19·15	5·50	1	3	2	5	1
..	..	Vellayani.	0·42	205·42	12·60	2·50	1	5	3	6	2
..	..	Veli 0·33 Kadinankulam 1·18.	1·51	196·58	20·48	14·00	1	10	13	13	2
..	..	...	..	196·75	58·50	...	1	6	..	3	...
..	..	Kozhikottam 0·34 Edava 0·42. Paravur 0·30.	0·76	110·00	15·00	12·00	1	3	2	5	1
Quilon Division.											
..	...	Paravur 1·69 Kilimukku 1·1 Ashtamudi 12·11	11·90	129·38	70·50	61·00	1	4	8	12	2
..	...	Portions of Ashtamudi and Kayanculam Kayals	10·99	49·87	31·50	27·12	1	3	3	5	1
..	..	Kayankulam	6·95	22·25	32·25	29·00	...	1	2	7	1
...	477	Sastankotta	1·52	103·50	36·36	6·00	1	1	2	1	2
...	522		..	103·50	54·50	..	...	2	1	3	2
..	..	Vembanad	21·15	56·12	26·87	39·75	1	7	9	14	1
..	..		..	96·36	43·62	31·00	1	3	4	8	2
..	..		..	295·73	20·00	50·00	1	3	11	25	7
..	..		..	106·7	216·75	28·00	...	4	5	7	2
..	...		...	96·40	68·75	8·00	...	1	2	2	..
..	..		...	65·87	4·25	..	1	4	1	1	..
..	..	Vembanad	26·12	62·5	61·06	13·62	...	3	2	8	..
Kottayam Division.											
..	..		...	153	44·12	24	...	3	8	13	6
..	..	Vembanad.	15·33	166·50	47·26	95·37	1	4	10	18	7
..	..	Vembanad	10·59	70	35·37	72	1	1	1	8	..
..	..	..	...	149·38	34·38	17·87	1	6	8	12	2
..	..	..	...	185·02	40·75	20·00	...	5	5	12	..
..	..	...	..	172	76	...	1	6	8	10	..
..	..	...	..	172·08	67·00	6·00	1	1	2	4	1
..	..	...	...	45·5	81	88·5	1	2	5	8	..
..	..	..	..	95·19	208·77	..	..	9	1	..	..
..	...	...	..	75·31	146·78	..	...	4	..	1	..
1	363	..	111·91	3701·92	1519·39	555·74	21	115	129	221	48

Serial No.	Pakuthi or village	Area in square miles.	Area in acres.			Population.
			Wet lands.	Backwaters.	Puduval lands.	
						Tovala
1	Tovala	19·51	1076	...	43	3810
2	Chempakaramanputur	5·91	1168	...	8	3969
3	Tripathisaram	2·39	1030	...	...	2217
4	Thazhacudy	3·58	1354	...	...	5060
5	Bhuthapandy	1·14	490	...	...	613
6	Esanthimangalam	3·71	822	...	52	1287
7	Chirumaram	6·39	616	...	171	547
8	Darmanancopil	17·53	1190	...	14	2765
9	Arumanallur	15·93	738	...	183	791
10	Azhakiapandipuram	11·98	1260	...	110	4744
11	Anandhapuram	38·12	1315	...	24	2714
12	Erachakulam	5·13	1110	...	...	2310
	Velimala Reserve	4·52	...	...	...	..
	Hills not surveyed	12·00	...	...	..	..
	Aramboli Census Town	...	...	...	..	7166
	Bhuthapandy Do.	...	...	...	...	5331
	Total	141·84	12199	...	605	43324
						Agastisvaram
1	Kanyakumari	11·08	3570·85	...	3·16	11815
2	Agastisvaram	8·14	1682·53	...	22·29	10364
3	Tamarakulam	6·21	692·91	...	...	10042
4	Kulasekharapuram	5·43	1712·53	..	0·66	4768
5	Marunkur	8·73	1872 95	...	...	5183
6	Teiar	8·33	3012·62		5·67	5269
7	Eravipudur	3·03	1284·37	.	0·16	2374
8	Suchindram	2·08	775·73	...	0·13	1889
9	Parakka	1·70	903·41	...	...	1615
10	Tengamputur	10·99	1452·57	..	1·38	19797
11	Dharmapuram	4·50	370·47	.	...	7646
12	Vadivisvaram	4·12	1109·13	.	2·14	5422
13	Nagercoil	4·80	845·01	,	...	5012
14	Vadaseri	8·91	2434·25		0·49	3929
15	Neendakara A & B.	18·87	3147·47	..	37·20	28068
	Kanyakumari Census Town.	...	...		...	4283
	Suchindram Do.	...	...	,	...	4522
	Nagercoil Municipal Town	...	...	,	...	51657
	Total	106·92	24866·86		73·28	183655

VILLAGES

Schools.			Reading rooms and Libraries.	Co-operative Societies.	Ancial Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic Hospitals and Dispensaries.	Police Stations or Out posts.	Banks.			
Primary.	Technical.	Others.										Ancial Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
6	...	1	1	1	2	1	17	2	...	...	1	1	..	..	1
4	...	...	1	1	..	..	15	1	..	..	..	..	..	..	..
1	...	...	1	..	..	..	23	...	..	..	..	..	..	..	..
2	...	1	...	1	1	..	...	3	1	..	..	..	..	..	..
2	...	1	...	..	1	2	26	3	..	1	1	1	..	..	2
...	...	...	...	...	..	..	45	3	..	..	..	..	..	..	..
...	...	...	...	1	..	..	48	2	..	...	..	..	..	..	..
2	...	...	1	1	1	..	44	4	..	...	..	..	..	..	..
1	...	...	...	1	..	..	19	3	..	...	..	..	..	..	..
5	...	...	1	1	1	..	49	1	..	...	..	1	..	..	..
2	...	...	1	1	..	..	56	2	..	...	..	..	..	..	1
3	...	...	1	..	..	..	48	1	..	...	..	..	..	..	..
...	...	...	...	..	..	..		..	..	...	..	..	..	..	..
...	...	...	...	..	..	..	...	..	..	..	..	..	..	..	..
...	...	...	...	..	..	..	...	..	..	1	..	..	..	..	..
...	...	...	...	..	..	..	...	..	..	...	..	..	..	..	..
28	...	3	7	8	6	3	390	25	1	2	2	3	..	..	4
Taluk.															
10	..	2	1	1	1	..	14	4	1	1	2	1	..	..	..
7	1	2	..	3	1	1	22	1	..	1		..	..	..	3
6	..	2	1	2	1	..	11	1	..	..	1	..	..	..	..
2	..	1	..	1	1	1	9	1	1	..	..	..	..	..	..
5	..	1	1	1	...	..	16	1	...	..	..	..	..	..	..
6	..	..	1	1	..	...	29	1	...	..	..	..	..	..	..
1	..	..	..	1	..	..	27	1	..	..	..	..	..	..	..
1	..	2	..	1	1	..	1	1	2	..	..	1	..	..	..
1	..	1	..	1	..	..	2	1	..	..	..	..	..	..	..
10	1	2	1	..	1	..	5	2	1	..	..	..	..	..	2
4	..	1	..	...	..	..	1	1	..	...	1	..	..	..	1
12	..	3	..	4	2	..	30	2	2	...	2	..	..	..	1
10	..	5	..	2	1	..	7	2	4	1	..	1	2	1	6
10	..	2	1	3	..	1	105	1	1	1	..	..	..	..	..
16	1	5	...	4	1	1	129	3	2	..	1	..	..	..	1
...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
...	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
...	..	..	..	5	..	..	..	..	..	..	..	..	..	..	..
101	3	23	3	31	10	4	408	23	14	4	7	3	2	1	14

Serial No.	Pakuthi or village	Area in square miles.	Area in acres.			Population.
			Wet lands	Backwaters.	Puduval lands.	
						Kalkulam
1	Kappiyara .	4·12	581	..	..	6995
2	Valvatchaghostom .	5·55	867	..	..	13587
3	Attur .	8·56	852	..	1·00	18130
4	Thuckala .	5·08	1098	..	...	10558
5	Kalkulam .	7·16	1918	..	86·00	3463
6	Kothanallur .	14·60	1620	..	33·00	12779
7	Mekkode .	7·18	636	..	24·00	10405
8	Aruvikara .	4·12	315	..	..	5835
9	Tiruvattar .	6·07	567	..	..	9381
10	Triparappu .	11·14	880	..	474·00	6577
11	Ponmana .	61·24	1142	..	15·00	6913
12	Aloor .	11·67	2733	..	..	12054
13	Eraniel .	4·73	1340	..	.	10872
14	Talakulam .	8·16	2599	..	..	15624
15	Kadiapattanam .	7·46	1586	..	49.00	14702
16	Manavalakurichi .	4·70	902	..	..	10391
17	Colachel .	11·30	1810	..	..	24308
18	Tiruvithamkode .	4·57	559	..	..	9801
	Hills surveyed .	3·33	...	..	..	...
	Hills not surveyed .	37·75	..	..	..	...
	Eraniel Census town .	...	...	..	..	8709
	Thiruvithamcode Do .	...	...	..	..	6240
	Tiruvattar Do. .	...	...	.	..	1926
	Colachel Municipal town .	...	...	..	..	11377
	Padmanabhapuram Do .	...	...	..	..	11936
	Total .	228·49	22005	.	682·00	242566

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or out-posts	Banks.			
Primary.	Technical.	Others.										Ancha Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
3	...	1	..	1	...	...	39	3	1	...	...	...	...	...	...
4	...	1	..	1	2	2	66	1	6	...	...	...	...	...	...
9	...	2	..	1	...	3	12	1	...	...	...	...	...	...	...
9	...	1	..	1	1	1	92	1	1	1	1	1	...	...	...
3	...	1	..	..	1	1	110	3	...	...	...	...	...	...	...
7	..	..	..	1	1	3	116	2	...	...	..	...	...	...	...
6	...	..	..	...	...	2	52	...	...	...	...	...	...	...	...
4	..	...	..	..	...	..	34	...	...	...	...	...	...	...	...
5	...	2	...	...	1	4	92	...	1	...	1	1	...	...	...
4	...	..	...	1	...	2	80	1	...	1	...	...	...	...	...
3	...	..	1	1	1	1	26	3	1	...	1	...	...	...	...
5	...	1	1	1	2	3	63	2	...	...	1	...	...	...	...
6	...	2	..	1	1	3	25	4	2	...	1	1	...	...	...
7	..	..	..	1	...	2	148	2	...	...	...	...	...	...	...
7	...	..	..	...	...	1	102	2	...	...	...	...	...	...	...
4	...	..	1	...	1	1	1	2	...	...	1	...	...	...	...
17	1	5	..	3	2	4	56	1	1	3	1	1	...	...	...
8	1	2	1	...	1	3	37	1	...	...	...	1	...	...	...
..	...	..	..	...	...	...	...	..	...	...	...	...	...	...	...
..	...	..	..	...	...	...	...	..	...	...	...	...	...	...	...
..	...	..	..	...	...	...	...	..	...	...	...	...	...	1	...
..	...	..	..	...	...	..	...	..	1	...	...	...	...	...	..
..	...	..	..	1	...	...	...	..	..	...	...	...	...	...	...
..	...	..	...	1	..	...	...	..	..	...	...	...	...	1	...
..	...	..	..	3	...	...	...	..	...	...	...	...	...	2	...
111	2	18	4	18	14	36	1151	31	14	5	7	5	...	4	...

Serial No.	Pakathi or village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Backwaters.	Puduval lands.	
						Vilavankod
1	Kolienkode .	4·90	283·61	..	51·32	14348
2	Ezhudesapattu .	4·53	236·04	..	138·52	12504
3	Painkulam .	3·53	243·31	..	67·60	10767
4	Arudesapattu .	3·35	178·81	..	47·25	10088
5	Methukummel .	7·46	629·84	..	1·51	15665
6	Kummattur .	3.72	293·51	.	0.21	9649
7	Nallur .	3·60	331·65	..	0·53	8373
8	Pacode .	5·40	527·12	..	2·00	11912
9	Vilavankod .	5·03	467·32	..	1·74	9950
10	Palukal .	4·13	355·02	..	6·74	7148
11	Idakkode .	8·75	769·35	..	4·24	12026
12	Arumana .	11·61	941·69	..	99·33	14105
13	Kalial including Hills .	68·08	1044·45	.	3346·87	3787
14	Kizhmidalam .	3·65	250·21	..	...	7473
15	Midalam .	6·17	462·82	...	0·17	12541
16	Kizhkulam .	4·03	197·45	...	0·41	10306
17	Killiyoor .	8·09	638·01	...	·02	14388
18	Pattalam .	6·24	608·86	...	·02	12547
	Hills unsurveyed .	3·79	...	...	...	..
	Kuzhithura Municipal town.	...	...	...	...	8853
	Total .	166·06	8459·07	...	3768·48	207420

VILLAGES—(*contd.*)

Schools			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police stations or out-posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative	Indigenous.
Taluk															
5	..	2	..	..	1	2	36	...	1	...	...	...	...	...	...
5	..	1	..	...	..	3	14	...	...	...	...	...	...	...	...
4	...	..	..	1	1	2	19	...	1	1	...	...	...	..	...
7	..	2	..	1	2	2	19	...	1	...	1	1	...	...	...
7	..	2	1	2	..	1	76	..	...	...	...	...	...	...	...
4	..	1	...	1	.	2	44	...	...	...	...	...	...	...	...
3	1	5	1	1	2	1	27	...	2	1	...	...	...	...	...
8	...	1	..	...	..	1	60	...	1	...	...	...	...	...	...
2	..	2	...	1	2	3	62	...	1	...	2	2	...	...	...
4	..	..	..	1	..	1	63	...	...	...	...	...	...	...	...
11	1	1	..	1	..	1	109	...	1	...	...	...	...	...	...
6	..	..	1	2	1	4	91	...	1	1	1	...	...	...	...
1	...	..	..	..	..	1	22	..	...	...	...	...	...	...	...
3	..	...	...	..	..	2	38	...	...	...	...	...	...	...	...
8	...	...	...	...	1	2	67	...	...	...	1	1	...	...	...
5	...	2	...	1	...	2	14	...	2	...	...	...	...	...	...
9	...	...	..	...	...	...	66	...	1	...	...	...	...	..	...
9	2	1	...	...	1	2	109	..	2	...	...	...	...	.	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	4	...	...	...	...	...	...	...	...	...	1	...
108	4	20	3	16	11	32	936	...	14	3	5	4	...	1	..

Serial No.	Pakuthi or village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Backwaters.	Puddyal lands.	
						Neyyattinkara
1	Kulattur .	10·38	836·11	...	6·48	23225
2	Chenkal .	7·83	802·53	..	·13	14738
3	Parassala .	7·72	784·31	..	..	15086
4	Kollayil .	5·35	600·25	...	·20	8158
5	Kumathukal .	31·79	1575·97	.	947·33	16773
6	Ottasekharamangalam .	50·07	735·63	...	19936·78	6876
7	Perunkadavila .	15·17	1059·35	...	94·11	12092
8	Neyyattinkara .	9·71	849·99	..	·94	13538
9	Atiyannur .	7·60	762·16	...	·03	13624
10	Tirupuram .	6·12	343·40	...	·04	14372
11	Karinkulam .	4·90	19·40	...	...	19011
12	Kottukal .	11·31	584·33	34·31	·36	29340
13	Tiruvallam .	11·32	773·73	94·30	10·35	24881
14	Nemam .	11·27	1490·04	354·46	5·97	23037
15	Pallichal .	6·37	565·83	...	·69	10634
16	Vilappil .	12·08	961·93	...	91·70	14478
17	Marukil .	6·31	638·33	...	4·05	9878
18	Maranallur .	9·71	944·86	...	...	11360
	Hills unsurveyed	8·00	...	...	..	...
	Parassala census town	...	...	...	...	2648
	Balaramapuram Do. .	...	...	...	...	5240
	Poovar Do.	...	...	...	...	4293
	Neyyattinkara Municipal Town .	...	...	...	...	13830
	Total .	232·96	14329·09	483·07	21099·16	306612

VILLAGES—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies	Anchal Offices.	Markets.	Irrigation tanks	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or out-posts	Banks.			
Primary.	Technical.	Others.										Anchal Savings	Joint Stock.	Co-operative.	Indigenous
Taluk.															
12	...	2	1	2	...	4	46	...	1	...	...	..	...	..	...
11	1	1	1	3	1	4	50	...	2	...	...	1	...	...	2
11	...	4	1	0	1	4	104	...	1	1	1	1	..	...	...
3	...	...	..	3	...	8	27	...	..	...	..	...	...	...	1
13	.	2	...	9	1	2	18	...	1	...	1	...	...	...	...
6	...	...	1	4	...	..	23	...	..	...	1	...	...	...	...
6	..	2	1	6	1	5	47	...	..	1	..	...	...	...	...
11	..	3	...	4	2	5	54	5	1	1	1	1	...	...	...
12	...	1	...	2	1	5	83	1	1	..	..	1	...	...	...
11	..	2	1	3	1	5	10	1	..	..	1	..	...	...	...
11	1	3	..	2	1	4	2	...	1	..	.	1	...	...	...
19	.	1	0	3	1	7	24	1	2	1	1	...	...	...	...
12	..	3	0	3	...	4	10	...	2	..	1	...	...	...	...
12	...	1	...	3	1	2	57	1	1	1	1	1	...	...	...
6	...	1	..	1	...	2	66	16	1	...	..	..	...	...	...
7	...	...	...	...	...	4	22	...	...	...	1	...	...	...	...
8	...	1	...	2	1	2	20	1	1	...	..	...	...	...	...
9	...	...	...	2	1	5	68	2	3	...	...	...	...	...	...
...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	7	...	...	...	..	...	...	...	...	...	...	...
...	...	...	...	4	...	...	...	..	...	...	...	...	...	...	..
...	...	...	...	2	...	...	...	..	...	...	...	...	...	...	..
...	...	...	...	10	...	...	...	..	...	...	...	...	...	1	..
180	2	27	6	75	13	72	731	28	18	5	9	6	...	1	1

Serial No.	Name of Pakuthy.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Back waters.	Puduval lands.	
						Trivandrum
1	Kadakampally .	4·56	640·	..	25·	13180
2	Palkulangara .	2·48	254·91	..	6·56	..
3	Muttattara	3·50	471·67	..	146·63	10233
4	Iranimuttam .	2·88	464	..	5·5	6036
5	Vanchiyur .	2·37	161·56	..	..	314
6	Chengazhacheri .	2·12	255.48	...	3·17	...
7	Aramada .	3·66	330·25	...	88·	10314
8	Anchamada .	5·37	616·	..	4·27	12759
9	Randamada .	4·72	440·25	...	53·11	9838
10	Chettiviiagom .	3·25	425·37	...	26·87	7949
11	Madattuvilagom .	3·72	582·71	...	..	7721
12	Oolloor .	3·13	393·99	...	25·85	6305
13	Uliyazhathura .	5·73	636·78	..	74·39	7593
14	Pangappara .	3·41	494·80	...	37·96	4710
15	Cheruvikkal .	3·84	470·62	...	15·37	6092
16	Attipra .	6·20	463·93	236·21	97·36	10454
17	Menamkulam .	3·10	130.	...	44·34	4037
18	Kazhakuttam .	3·36	421·37	...	616·43	5124
19	Ayirupara .	4·76	440·90	...	60·20	4834
20	Andurkonam .	3·52	471·34	...	116·66	3638
21	Pallipuram .	3·59	622·75	...	22·77	6240
22	Katinamkulam .	4·50	219·	790·23	114·24	7125
23	Veilur .	5·04	336·88	...	8·65	7296
24	Meltonnakkal .	4·70	481·53	...	50·	4550
25	Kizhttonnakkal .	3·68	362·31	...	22·27	3211
	Trivandrum Corporation .	..	...	...	...	128365
	Total ...	79·19	10588·40	1026·44	1665·15	287918

VILLAGES—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation Channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or Out-posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk															
6	...	..	...	...	...	...	7	2	2	...	...	...	...	...	...
5	...	2	..	...	1	1	3	...	1	...	...	...	...	...	...
6	...	1	.	...	1	1	...	...	4	1	2	...	...	...	...
5	...	..	1	...	..	3	1	1	4	1	...	...	...	...	...
11	..	5	1	...	5	1	2	...	7	4	2	3	4	..	...
9	.	3	1	...	3	1	..	...	2	2	3	3	...	..	...
8	1	..	1	3	1	1	..	...	...	...	...	...	...	..	...
5	..	1	...	..	1	...	2	...	2	...	3	1	.	..	...
3	..	...	...	1	1	1	3	..	1	2	...	1	..	..	...
3	...	...	...	3	...	...	7	...	2	...	...	...	..	..	...
6	...	1	...	4	2	3	7	...	3	...	...	1	..	..	...
4	...	..	...	3	1	1	8	...	...	.	...	...	.	..	...
1	...	...	...	...	...	2	7	1	.	...	...	...	..	..	...
3	...	..	..	...	...	1	8	...	..	...	...	...	..	..	...
2	...	...	...	...	...	1	5	...	1	...	...	...	..	..	...
8	...	...	1	5	...	1	2	...	...	...	...	...	..	..	...
3	...	..	...	..	...	..	...	1	...	.	...	...	..	..	...
3	...	...	...	1	1	1	1	...	1	1	1	1	..		...
3	...	1	...	2	...	1	1	...	..	..	...	...	..	..	.
1	...	...	..	...	...	...	2	...	...	...	...	...	..	..	...
5	...	...	...	1	1	1	1	3	1	...	...	...	..	..	...
4	...	...	...	2	1	...	1	..	1	...	1	...	..	..	...
3	...	...	1	1	2	1	8	2	3	...	1	...	..	..	...
3	...	...	1	..	...	1	..	..	...	..	...	...	..	..	...
4	...	...	...	1	...	1	..	..	...	...	...	...	..	..	...
...	...	...	...	51	...	...	..	...	...	...	...	...	2	2	...
114	1	14	7	78	21	24	76	10	35	10	13	10	6	2	...

Serial No.	Pakuthi or Village.	Area in square miles	Area in acres.			Population.
			Wet lands.	Backwaters.	Puduval lands.	
						Nedumangad
1	Mannurkara	6·75	543·77	..	601·76	4788
2	Arianad	16·94	1067·47	...	8097·76	12775
3	Uzhamalakkal	18·33	1124·64	...	2632·49	13227
4	Nedumangad	12·77	1128·77	...	897·66	13521
5	Anad	17·76	1149·14	...	1964·93	14429
6	Vamanapuram	29·71	1411·54	...	6255·74	19468
7	Nallanad	7·12	544·44	...	234·19	7600
8	Maniokal	12·88	952·98	...	921·04	11365
9	Vembayam	11·81	670·97	..	369·48	10387
10	Karakulam	12·11	815·56	...	305·61	15549
11	Perumkulam	8·20	498·49	...	439·64	7577
12	Kulattummel	8·70	866·23	...	4·86	11185
13	Veeranakavu	7·06	697·54	...	222·81	7383
14	Vellanad	10·92	949·27	...	395·16	11536
15	Palode	23·57	1091·13	...	5460·51	15016
16	Pullampara	13·74	621·75	...	1282·65	9151
	Hills Circuit surveyed	148·10	...	...	...	...
	Nedumangad Census town	.	...	...	...	2538
	Total	366·47	14134·51	...	30086·23	187495

VILLAGES—(*contd.*)

Schools.												Banks.			
Primary.	Technical.	Others	Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation Channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or Out-posts.	Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
1	..	...	..	3	..	1	10	...	...	...	...	...	...	...	...
1	...	1	..	2	2	3	6	...	...	...	1	...	...	...	...
6	..	2	...	3	1	1	3	...	...	1	1	1	...	...	...
5	..	2	...	5	1	1	23	...	2	1	1	1	...	...	...
6	..	..	..	2	..	1	14	...	...	...	...	...	...	...	...
6	..	2	..	1	2	3	11	2	2	1	2	2	...	...	...
2	..	1	..	..	..	1	27	...	...	...	...	...	...	...	...
5	..	.	1	1	1	1	20	...	2	...	...	1	...	...	...
...	..	...	..	1	..	..	2	...	1	...	1	...	...	...	...
9	..	1	..	2	..	2	8	...	...	...	1	...	...	...	...
5	.	2	..	1	.	1	10	...	...	...	...	...	...	...	...
7	1	1	..	4	..	3	41	1	2	1	...	...	...	...	...
5	..	..	.	1	1	2	48	...	...	...	...	1	...	...	...
8	..	..	1	2	..	2	11	...	1	...	1	...	...	...	...
8	..	1	1	3	1	1	2	...	1	1	...	1	...	...	...
2	..	...	..	..	..	..	11	...	...	...	...	...	...	...	...
..	..	..	..	..	..	..	...	...	...	1	...	...	...	...	...
..	..	..	..	3	..	..	...	...	...	...	...	...	...	..	...
76	1	13	3	34	9	23	247	3	11	6	8	7	...	...	...

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Backwaters.	Puduval lands.	
	Chirayinkil					
1	Azhur	4·81	481·09	103·95	57·62	9255
2	Kizhvalam	4·67	680·77	15·51	76·16	5599
3	Idakode	3·38	367·53	7·89	210·70	3547
4	Ilampa	2·04	191·46	6·26	365·80	1994
5	Mudakkal	4·51	343·51	31·09	713·11	4110
6	Koduvazhanur	3·11	329·51	...	...	3685
7	Pulimattu	7·28	431·74	93·37	1490·39	5963
8	Pazhayakunnummel	9·63	578·62	17·59	676·30	7773
9	Kilimanur	7·35	743·80	25·76	1200·00	7644
10	Vellalur	4·39	470·98	18·82	9·32	4053
11	Nagarur	4·64	450·28	12·62	...	5448
12	Alamkode	4·14	499·33	8·65	52·69	4329
13	Avanavancheri	2·81	247·47	8·26	23·53	679
14	Attingal	1·98	212·81	3·79	9·87	474
15	Koontalur	1·47	343·47	52·33	0·25	4410
16	Sarkara	2·45	337·35	183·00	3·30	10319
17	Chirayinkil	1·74	353·47	10·79	...	5647
18	Kadakkavur	4·04	237·54	414·57	8·23	20731
19	Kizh-Attingal	2·97	285·25	...	25·26	5674
20	Manampur	5·94	725·26	430·00	6·00	7745
21	Ottur	3·66	393·15	12·70	3·74	6164
22	Karavaram	5·16	521·95	7·50	75·81	4644
23	Madavur	7·24	649·60	31·35	1973·28	5139
24	Pallikkal	6·25	498·82	39·80	180·00	4963
25	Navaikulam	10·93	1067·89	311·00	58·74	10594
26	Chemmarur	6·77	564·53	11·42	9·43	9346
27	Ayirur	6·87	667·71	465·22	11·55	7977
28	Edava	3·52	289·10	54·90	9·30	12202
29	Varkala	5·93	315·74	141·20	1·04	9276
30	Vettur	2·62	123·70	23·81	2·24	10084
31	Cheruniyur	4·20	295·65	311·00	18·67	7466
	Varkala Census-Town	...	...	...	...	4898
	Attingal Municipal-Town	...	...	...	...	16237
	Total	**146·50**	**13699·10**	**2854·15**	**7272·45**	**228069**

VILLAGES—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or Out-posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk															
3	...	...	...	...	...	1	6	1	...	...	...	...	...	...	..
3	...	...	...	...	...	1	30	1	...	...	...	...	...	...	...
1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
2	...	1	...	...	...	...	20	...	...	...	...	...	...	...	...
3	...	...	..	...	...	1	..	..	1	..	..	...	...	...	...
3	...	...	...	...	1	1	..	..	1	..	..	1	...	...	...
6	...	2	2	2	...	3	1	..	1	..	1	..	...	...	...
2	...	...	...	...	...	1	4	..	..	...	..	.	...	...	...
2	..	...	..	..	...	1	11	..	..	..	..	..	...	...	...
5	...	..	...	...	...	1	..	..	..	..	...	...	...	...	...
2	...	2	...	...	1	...	1	..	1	..	..	1	...	...	...
3	..	2	1	..	...	1	7	...	2	1	1	..	...	...	...
3	..	...	...	...	...	...	9	..	..	..	..	...	...	...	4
8	..	3	1	...	1	...	..	..	..	1	...	1	...	...	...
4	...	2	...	3	...	1	1	..	..	...	1	...	...	...	1
10	..	5	3	5	3	1	1	..	3	..	..	2	2	1	...
3	..	...	...	2	...	...	16	..	..	..	1	...	...	...	...
3	...	..	1	...	...	1	12	1	...	..	..	..	...	...	...
5	...	1	..	1	...	3	15	1	..	..	1	...	...	...	...
2	...	...	...	1	...	1	6	...	..	..	..	..	...	...	...
1	...	1	...	1	...	1	7	..	..	..	..	...	...	...	...
3	...	...	...	...	...	...	.	..	..	..	..	...	...	...	...
4	...	1	..	1	1	1	16	..	1	..	..	..	...	...	...
3	...	...	...	2	1	..	4	...	..	..	..	..	...	...	...
4	...	1	1	...	...	1	3	...	..	..	..	..	...	...	...
4	...	2	..	1	1	1	5	..	...	..	.	...	...	...	...
9	..	4	..	...	2	2	5	...	1	1	1	1	1	...	...
5	...	3	...	1	...	2	..	..	1	..	..	...	...	...	...
3	...	...	..	1	1	..	..	...	..	..	..	...	...	...	...
..	...	...	...	2	...	..	..	..	..	..	..	...	...	...	...
...	...	...	...	3	...	..	..	..	..	..	..	...	...	...	...
112	..	30	9	26	12	27	185	4	12	3	6	6	3	1	5

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres. Wet lands.	Backwaters.	Puduval lands.	Population.
						Quilon
1	Paravur .	12·72	710·72	1420·57	72·18	26386
2	Meenad .	27·12	2718·90	...	957·50	27153
3	Adichanallur .	6·53	1327·87	...	16·91	8000
4	Nedumpana .	10·90	888·44	...	633·90	11066
5	Trikkovilvattam .	8·63	1253·27	...	45·82	13210
6	Eravipuram .	11·23	902·55	366·49	49·45	29246
7	Vadakkevila .	3·81	766·21	...	1·70	12033
8	Quilon .	9·21	880·32	615·47	25·64	18263
9	Trikkadavur .	12·83	469·90	3010·32	5·16	25794
10	Kilikollur .	4·33	563·62	31·75	11·88	18198
11	Kottamkara .	9·80	941·89	...	9·92	16123
12	Perinad .	20·71	994·61	3554·42	68·39	34862
13	East Kallada .	7·15	1095·30	522·84	3·95	10275
14	Munro Island .	2·44	330·38	2·00	3·52	4281
	Quilon Municipality .	...	...	...	...	49698
	Total .	147·41	13753·98	9523·86	1905·92	304387
						Karunagapalli
1	Tekkumbhagam .	7·82	168·42	5138·80	81·51	12564
2	Chavara .	4·62	1069·02	...	...	17064
3	Panmana .	6·57	1825·74	6·39	0·21	20675
4	Tevalakkara .	6·23	1003·59	420·05	0.66	16374
5	Minagapalli .	7·61	1247·64	...	...	13412
6	Todiyoor .	8·00	1892·63	216·41	2·69	12705
7	Karunagapalli .	8·20	2324·83	799·03	18·91	19349
8	Kulasekharapuram .	7·31	2381·31	156·82	1·02	20502
9	Tazhava .	9·18	2606·15	29·71	15·41	15638
10	Krishnapuram .	9·61	2985·18	...	...	18750
11	Perunad .	6·06	2194·57	82·13	6·30	16503
12	Pudupalli .	7·78	1506·82	1126·83	161·90	17178
	Karunagapalli census town .	...	...	...	...	6388
	Kayamkulam Municipal town .	...	...	...	...	10916
	Total .	88·99	21175·90	7976·17	288·61	218018

VILLAGES—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda vaidyasalas.	Allopathic hospitals and dispensaries	Police stations or out-posts.	Banks.			
Primary.	Technical.	Others.										Anchal savings.	Joint stock.	Co-operative.	Indigenous.
Taluk.															
9	...	5	2	4	1	2	1	...	2	1	1	1	...	2	1
10	...	3	7	3	2	4	2	2	2	...	...	1	...	...	...
5	...	3	...	1	1	2	2	...	1	...	...	...	...	...	...
10	...	1	...	..	...	2	...	...	...	...	...	...	...	...	...
5	...	..	..	...	1	3	...	...	..	...	...	...	...	...	...
14	...	5	..	2	1	4	3	...	1	...	...	1	...	...	1
5	...	1	...	...	1	2	...	1	...	...	...	...	...	...	...
17	...	14	...	2	3	3	3	3	11	2	2	2	1	...	2
9	...	4	...	10	1	2	1	...	1	...	...	1	...	2	...
4	...	2	...	4	1	3	...	...	1	...	...	...	...	...	...
11	...	2	1	3	...	3	2	...	2	...	...	...	...	...	1
16	...	6	...	5	1	5	...	...	1	1	1	1	2	...	...
6	...	1	...	...	1	3	...	4	2	...	...	1	...	...	...
2	...	1	...	1	...	1	...	1	...	...	1	...	...	...	...
...	...	...	...	16	...	...	...	...	...	...	...	...	1	1	...
123	...	48	10	51	14	39	14	11	24	4	5	8	4	5	5
Taluk.															
7	...	2	1	5	1	1	...	...	...	...	...	...	...	...	...
7	...	2	1	3	...	4	...	...	...	1	1	...	...	...	...
7	...	4	...	3	1	5	...	...	2	...	...	1	...	...	...
8	...	...	...	4	1	4	...	...	2	...	...	1	1	...	...
6	...	5	...	...	...	1	...	...	...	...	...	...	...	...	...
4	...	...	...	4	...	2	...	...	...	...	...	...	...	...	...
9	...	4	1	...	2	4	...	...	2	1	1	1	1	...	...
7	...	2	...	7	1	5	...	...	1	...	...	...	...	...	...
3	...	2	...	3	1	3	...	...	...	...	...	...	...	...	...
11	...	5	...	9	1	4	...	...	4	1	1	1	1	...	...
8	...	3	...	2	1	2	...	...	3	...	...	1	...	...	...
5	...	3	...	3	...	3	...	...	1	...	...	...	...	...	...
1	...	...	...	11	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...
83	...	32	3	55	9	38	...	...	15	3	5	5	3	1	...

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Backwaters.	Puduval lands.	
	Kartikapally					
1	Pattiyur	5.83	1658.88	...	·54	15805
2	Keerikad	3.38	1113.22	...	1.92	10592
3	Kantalur	3.76	1520.58	...	...	10065
4	Arattupuzha	8.79	468.66	3402.78	38.88	12503
5	Mutukulam	4.49	1790.34	...	..	11274
6	Chingoli	2.81	1080.21	...	.23	7397
7	Cheppad	1.94	725.00	...	...	4450
8	Valiakuzhi	2.97	1248.79	...	.67	6589
9	Nangiyarkulangara	1.79	794.51	...	..	3275
10	Pallippad	4.75	2179.53	...	·35	7992
11	Kizhakkekkara	2.21	1126.29	...	...	1160
12	Viyapuram	5.41	2667.43	...	...	7250
13	Cherutana	5.53	2713.33	...	·26	5762
14	Haripad	1.47	473.13	...	·05	2005
15	Kartigapally	3.37	912.68	118.84	27·62	6067
16	Trikunnapuzha	4.70	266.73	198.93	104·24	11125
17	Kumarapuram	5.60	1650.86	20 87	14.90	11833
18	Karuvatta	5.58	2314.05	...	8.07	6074
	Haripad (census) town	...	...	...	...	10175
	Total	74.38	24704.22	3741.42	197·73	151393
	Kunnattur					
1	Soornad	15·41	2592·63	...	76·72	17329
2	West Kallada	5·19	1632·04	...	11·29	8483
3	Poruvazhi	16·94	1514·10	970·18	152·04	19290
4	Kunnattur	17·44	1577·83	...	285·07	21003
5	Pallikkal	17·52	1619·69	...	626·86	16081
6	Adur	14·88	1590·24	...	328·85	19895
7	Enadimangalam	49·09	2502·73	...	2110·29	32166
8	Kodumon	13·99	1270·45	...	2847·46	10495
	Total	150·46	14299·71	970·18	6438·58	144742

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries	Co-operative Societies.	Anchal Offices	Markets.	Irrigation tanks	Irrigation channels.	Ayurveda vaidyasalas.	Allopathic hospitals and dispensaries.	Police stations or out-posts.	Banks.			
Primary	Technical.	Others.										Anchal savings.	Joint stock.	Co-operative.	Indigenous.
Taluk.															
10	...	1	...	1	...	2	...	...	...	...	...	...	...	1	...
5	...	3	1	3	1	1	...	...	1	...	...	1	...	...	...
5	...	1	...	5	...	1	...	...	1	...	...	...	...	...	...
3	...	2	...	5	...	4	...	...	1	...	...	...	...	...	...
4	...	2	...	4	...	1	...	...	...	...	...	...	...	...	...
4	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...
3	...	2	1	2	1	2	...	...	...	...	...	...	...	...	...
4	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
2	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...
4	...	1	...	3	1	2	...	...	...	...	...	...	...	...	...
4	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...
4	...	2	...	4	1	...	...	...	1	...	...	...	...	...	...
2	...	1	...	4	...	...	...	...	...	...	...	...	...	...	...
...	...	4	1	...	1	1	...	...	3	1	1	1	...	...	...
2	...	1	...	1	1	2	...	...	1	...	...	1	...	...	...
4	...	...	...	3	1	1	...	...	1	...	1	...	...	...	...
6	...	12	...	5	1	2	...	...	1	...	...	1	...	...	...
4	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	8	...	...	...	...	...	...	...	...	...	2	...
70	...	30	3	56	9	20	...	...	10	1	2	4	...	3	...
Taluk.															
7	...	1	...	3	...	5	1	1	1	...	...	...	...	...	...
2	...	2	...	1	1	6	...	3	1	...	...	...	...	...	...
7	...	4	1	4	1	1	1	...	1	...	...	...	...	...	...
16	...	3	1	7	1	1	1	...	1	...	...	...	...	...	...
7	...	1	...	4	...	3	4	1	...	...	...	...	...	...	...
8	...	5	1	10	2	4	7	1	1	1	1	1	2	2	...
16	...	3	...	8	1	1	...	...	1	...	...	...	...	...	...
7	...	1	...	4	...	3	...	...	...	...	...	...	...	...	...
70	...	20	3	41	6	27	14	6	6	1	1	1	2	2	...

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Back waters.	Puduval lands.	
						Kottarakara
1	Melila	7·15	909	...	161	8071
2	Vettikavala	13·95	1333	...	1651	10190
3	Kottarakara	15·48	1516	...	463	15461
4	Kulakkada	11·28	1123	...	183	13011
5	Ezhukone	24·70	2156	...	609	32141
6	Veliyam	20·26	1660	...	1900	18061
7	Unmannur	13·29	1204	...	925	11344
8	Velinallur	22·16	1396	...	3228	14016
9	Chadayamangalam	32·69	2238	...	5085	21401
10	Kummil	41·07	1932	...	5826	25867
11	Mailam	10·71	1304	...	769	11301
	Kottarakara Census town	...	...	...	...	6953
	Total	212·74	16771	...	20800	187817
						Ambalapuzha
1	Talavadi	6·06	2929·43	...	·35	15021
2	Kozhimukku	10·42	5583·61	...	2·48	13039
3	Takazhi	12·22	6275·11	...	32·92	9166
4	Prakkad	8·85	2381·68	...	592·59	8682
5	Ambalapuzha	9·04	3748·36	...	8·75	7040
6	Nedumudi	8·51	4444·24	...	4·46	9324
7	Champakulam	5·50	3067·10	...	.49	5750
8	Pulinkunnoo	19·22	10042·24	625·24	5·43	21906
9	Kainakari	16·38	7472·70	2075·78	6·49	13900
10	Alleppey	19·41	4884·48	997·46	267·64	31997
11	Ariyad North	14·59	1575·98	4418·71	6·45	14505
12	Ariyad South	9·98	1049·95	1868·89	4·64	33352
13	Mararikulam South	9·17	923·32	...	2·86	18381
	Ambalapuzha Census town	...	...	..	...	11470
	Alleppey Municipal town	...	..	..	...	56333
	Total	147·35	54378·20	9986·08	935·55	269[illegible]6

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or Out-posts	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk															
5	...	...	...	...	...	1	9	...	...	...	...	...	...	...	...
6	...	2	...	2	2	1	...	1	...	...	...	...	...	...	...
15	...	6	...	...	2	2	5	5	2	1	1	1	...	...	...
10	...	3	...	3	1	4	6	...	...	...	...	1	...	...	...
17	...	7	...	3	...	10	1	...	1	...	...	...	...	...	...
9	...	2	1	1	1	4	3	...	1	...	...	...	...	...	...
7	...	1	1	1	1	4	..	...	1	...	...	...	...	...	...
6	...	3	...	...	1	2	7	3	1	...	...	...	...	...	...
6	...	2	...	4	1	4	4	...	...	...	1	1	...	...	...
9	...	2	1	1	1	1	7	2	1	1	1	...	...	...	...
5	...	...	...	1	...	1	...	...	...	...	...	...	...	...	..
...	...	...	...	3	...	...	...	...	...	...	...	...	...	1	..
95	...	28	3	19	10	34	42	11	7	2	3	3	...	1	..
Taluk.															
13	...	3	..	5	2	...	...	12	2	...	...	1	2	..	...
7	...	..	...	5	1	2	...	...	...	1	1	1	..	..	..
2	...	1	0	4	0	...	...	3	..	...	...	...	..	..	..
3	...	...	0	4	1	...	...	2	1	...	...	...	..	..	..
16	...	4	0	8	1	2	...	11	1	1	1	1	...	..	1
4	...	2	0	2	...	...	...	2	2	...	...	0	1	..	4
3	...	1	0	4	1	...	...	3	...	...	...	1	1	..	1
10	...	3	0	10	3	1	...	2	2	1	1	3	2	0	...
8	...	2	0	10	2	...	...	2	1	...	...	0	2	.	..
19	1	4	2	6	4	...	...	8	7	2	4	1	7	..	...
2	...	2	0	1	1	2	...	1	...	1	1	...	..	...	5
4	...	4	0	3	1	1	...	...	0	...	0	...	..	..	..
3	...	...	0	2	...	2	...	...	1	1	...	...	..	..	..
...	...	...	...	2	...	...	...	...	...	...	...	...	..	..	..
...	...	...	...	5	...	...	...	...	...	...	...	...	6	..	...
84	1	26	2	71	17	10	...	46	17	7	8	8	21	0	11

Serial Number.	Pakuthi or Village.	Area in square miles.	Area in acres. Wet lands.	Back waters.	Puduval lands.	Population
						Mavelikara
1	Vallikunnam	8·30	1662 51	..	4·7	12,276
2	Tamarakulam	8·07	921·26	..	5 97	8,752
3	Bharanikavu	9·06	2387·07	..	27	20,136
4	Perungala	4·96	1520 78	..	2·06	12,452
5	Kannamangalam	5·58	1701·90		·58	13,010
6	Tripperuntura	6·24	2912·63	.	·48	9 312
7	Chennithala	2·46	581·28	..	1·19	6,924
8	Mavelikara	2 61	325·73	..	1·14	43
9	Tekkekara	8·37	1866·63	.	4.76	16,981
10	Chunakkara	6·54	1165 01	..	25·30	9,178
11	Tazhakkara	10·16	1732 47	..	2·99	16,293
12	Nuranad	8·22	1229·14	.	3·40	10,625
13	Palamel	9·89	1099·04	..	195 0	11,220
14	Pantalam Tekkekkara	9 ·8	1231·40	..	56·61	12,066
15	Tonnallur	11 71	1632·12	..	799·37	18,368
	Mavelikara census Town					16,022
	Total	111·95	21971·97	..	503·88	1,93,659
						Tiruvalla
1	Mannar	3·07	673·78		1·18	7,967
2	Kuratticheri	3·71	1763·42	.	.	6,827
3	Kizhakkumbhagam	4·23	2088·94	..	..	8,073
4	Kadapra	6·55	2248·42	..	·33	14,531
5	Nedumpram	3·31	1300·00	..	·08	7,828
6	Peringara	4 87	2272·61	.	·14	11,126
7	Kavumbhagam	4·23	1639·67	..	·88	4,394
8	Tiruvalla	9·62	1714·76	..	4·56	12,635
9	Iraviperur	10 92	1805·45	..	2·51	20,573
10	Kaviyoor	11·72	1136·61	..	·34	17,392
11	Kalloppara	34·41	1277·85	..	1640·82	47,486
12	Ezhumattur	19·98	449·61	..	840·53	20,548
13	Ayirur	9·96	277·00	..	2·14	14,156
14	Koippuram	8·63	918·01	..	1·51	15,401
15	Thottapuzhacheri	5·62	403·37	..	12·12	10,603
16	Aranmula	9·33	1127·59	..	·16	15,867
17	Vadakkekara	5·22	682·80	..	1·29	7,443
18	Puthenkavu	11 45	953·51	..	1·12	16,043
19	Tiruvanvandur	3·51	1302·17	..	·35	7,693
20	Pandanad	4·06	1621·02	..	..	7,846
21	Chengannur	5·02	1616·60	..	·83	8,984
22	Puliyur	4·56	1439·42	..	5·15	7,147
23	Venmani	6·99	873·39	..	7·54	11,879
24	Pandalam Vadakkekara	11·52	988·68	..	19·48	16,992
25	Cherianad	5·57	1220·17	..	3·81	11 267
26	Ala	4·17	812·29	..	2·49	7,947
27	Chengannur Census Town					12,543
28	Tiruvalla Municipal Town					18,002
	Total	212·23	32607·14	..	2549·36	3,69,193

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic Hospitals and dispensaries.	Police Stations or Out-posts.	Banks		
Primary.	Technical	Others										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
6	..	2	1	5	..	4	4	4	...	...	...	...	...	...	
5	...	1	...	0	.	1	2	3	...	1	...	...	...	...	
11	...	3	1	8	2	2	1	1	1	...	...	...	...	...	
9	...	3	..	6	.	1	...	2	1	..	...	...	...	...	
12	2	7	..	8	1	4	...	3	1	...	...	...	1	...	
6	...	2	.	4	1	1	1	15	2	...	...	...	...	...	
6	..	3	...	2	1	...	...	4	1	...	...	...	...	0	
6	1	9	1	0	1	3	...	2	2	...	1	1	1	0	
12	...	1	...	2	1	2	...	...	0	..	...	...	.	...	
6	..	1	...	...	...	2	2	4	..	..	...	...	...	...	
14	...	3	1	9	0	2	1	5	..	1	..	...	..	...	
6	...	1	...	3	...	2	2	2	...	...	0	...	...	...	
7	..	1	2	6	1	3	7	7	1	...	1	1	...	..	
8	..	6	...	8	0	2	6	18	1	1	0	0	...	..	
13	..	4	...	12	1	3	2	5	1	...	1	1	...	..	
				15										1	
127	3	47	6	83	9	32	28	75	11	3	3	3	2	1	
Taluk.															
4	0	1	0	2	..	..	..	..	1	..	1	...	1	...	
4	0	1	0	5	1	2	..	24	..	..	...	1	1	..	
7	0	0	0	2	..	..	..	4	.	..	...	...	...	...	
11	0	4	0	4	1	3	..	3	1	..	...	1	..	...	
7	0	2	0	3	...	..	6	7	1	..	...	...	1	...	
8	0	1	0	5	2	..	..	1	..	..	..	1	3	...	
8	0	0	0	4	1	..	..	4	3	..	..	1	3	..	
19	0	7	1	6	3	2	..	..	4	1	1	1	6	0	
17	0	6	0	9	3	..	1	9	1	..	..	1	...	..	
17	0	2	1	4	1	..	4	8	1	..	...	...	...	.	
44	0	7	1	13	3	6	..	1	3	1	2	1	6	..	
15	0	6	1	4	4	2	3	..	2	..	..	..	1	...	
15	0	3	1	8	3	..	..	1	1	..	..	1	2	..	
16	0	4	0	6	3	..	10	..	1	..	..	..	...	..	
11	0	2	0	7	1	..	1	4	..	..	...	...	4	..	
13	0	1	0	7	1	2	2	5	2	..	...	...	..	..	
10	0	6	2	3	1	1	..	6	3	1	1	1	...	..	
17	0	2	0	5	2	1	5	1	..	..	...	...	1	...	
6	0	1	0	1	1	..	13	5	..	..	...	..	...	...	
5	0	0	0	4	..	..	..	3	1	..	...	..	...	..	
6	0	0	0	0	...	2	3	18	..	..	1	..	1	..	
4	0	1	0	0	1	.	.	3	1	..	..	..	...	..	
8	0	1	1	2	1	1	.	1	0	.	..	...	...	..	
14	0	1	2	4	3	3	3	2	0	..	..	1	..	.	
5	0	1	0	1	1	1	.	2	0	..	..	1	..	..	
4	0	0	0	5	..	..	1	2	0	..	..	..	..	..	
				3										...	
				12										3	
295	0	60	10	129	37	26	52	112	26	3	6	11	30	3	

Serial No.	Pakuthi or village.	Area in square miles	Area in acres. Wet lands	Back waters.	Puduval lands.	Population.
						Pathanamthitta
1	Elanthur ...	6·83	515·96	...	225·14	10,099
2	Omallur ...	13·15	956·38	...	35·44	21,733
3	Pathanamthitta ...	5·47	485·58	...	38·92	5,052
4	Ranni ...	93·0[illegible]	757·32	...	1000·00	60,940
5	Kumbazha ...	40·00	891·86	...	824·17	35,204
6	Cherukole ...	14·68	538·97	...	399·78	18,576
7	Vallikode ...	21·36	1502·32	...	448·70	24,215
8	Mallapuzhassery ...	7·35	856·04	...	8·88	16,674
	Hills unsurveyed ...	703·65	...	..	..	..
	Pathanamthitta census town.	...	..	..	.	4,880
	. Hills Pakuthy .	..	..	...	...	850
	Total ...	905·49	6504·43	...	2981·04	1,98,223
						Pathanapuram
1	Pattazhi ...	15·34	851·18	...	300·00	14,011
2	Pathanapuram ...	38·84	2360·76	...	2724·19	29,548
3	Pathanapuram Hills ...	102·74	...	...	...	...
4	Thalavoor ...	8·78	970·35	...	757·90	8,438
5	Vilakkudi ...	8·29	843·17	...	527·39	8,806
6	Punalur ...	22·50	1680·82	...	1769·21	9,761
7	Edamulakal ...	14·93	1221·42	...	1343·18	11,549
8	Anchal including Hills ...	203·54	2798·03	...	15812·3[illegible]	25,786
	Punalur census town ...					12,249
	Total ...	414·96	10725·73	...	23234·25	120,148
						Shencotta
1	Shencotta ...	9·25	1683·59	...	...	2,801
2	Karkudi ...	2.18	640·89	...	...	1,928
3	Puliyara ...	4·20	1261	...	...	5,924
4	Puthur ...	1·93	346·74	...	...	1,414
5	Atohamputhur and Mokkara.	8·68	229·61	...	...	1.062
6	Elathur ...	5·36	1429·45	...	...	5,049
7	Klangad ...	2·14	932·44	...		2,927
8	Ayikudi ...	5·88	701·86	...	...	6,368
	Samhurvadakara ...	7·06	1209·85	...	...	322
	Hills surveyed ...	82·46	...	...	...	..
	Atohamputhur census town.	...	...	...	...	5,179
	Samhurvadakara Do. ...	...	...	...	...	7,663
	Shencotta Municipal town ...	...	...	...	...	14,814
	Total ...	129·14	8,435·43	...	...	55,451

VILLAGES—(*contd.*)

Schools			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic Hospitals and dispensaries.	Police Stations or Out-posts.	Banks.			
Primary.	Technical	Others.										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
11	..	1	1	4	1	1	...	...	1	...	...	...	...	...	...
15	...	4	..	11	1	1	...	...	1	...	..	...	...	1	...
9	...	5	..	6	1	2	..	...	1	1	1	1	2	0	...
43	0	15	2	23	6	7	...	...	4	1	2	2	...	1	...
16	...	5	2	10	1	5	1	.	1	1	1	1	...	...	...
15	...	6	1	7	1	...	...	...	2	...	...	...	...	...	...
15	...	6	1	12	1	2	..	...	...	...	1	1	...	...	...
16	...	8	1	11	3	2	..	2	0	1	1	2	...	...	...
..	...	...	...	...	..	..	..	..	...	..	..	..	...	..	...
..	...	...	...	2	..	...	..	...	..	..	..	..	..	1	..
140	0	50	8	86	15	20	1	2	10	4	6	7	2	3	...
Taluk															
3	...	2	...	1	1	1	...	...	1	...	1	...	...	...	...
12	...	3	...	5	2	1	...	5	...	...	1	2	...	...	...
..	.	..	...	...	...	...	...	...	...	...	1	...	...	...	
5	...	1	...	2	...	1	...	1	...	...	...	...	...	...	...
5	...	1	1	3	1	1	7	4	...	...	...	1	...	...	...
10	...	1	...	5	1	1	1	1	1	1	1	1	...	0	...
7	...	1	...	2	...	1	8	2	1	...	...	.	...	...	...
12	...	2	1	5	2	3	...	...	1	..	1	2	...	...	.
..	..	..	...	3	...	...	...	...	...	...	1	..	...	1	...
54	...	11	2	26	7	9	16	13	4	1	6	6	...	1	...
Taluk.															
4	0	2	1	0	1	1	56	..	1	1	1	1	..	...	
..	...	...	...	...	..	.	31	..	.	..	..	..	..	...	...
1	...	...	...	...	1	1	48	..	...	1	2	..	..	...	...
...	...	...	...	...	..	..	15	..	...	..	...	..	..	...	...
2	0	0	0	..	..	..	13	..	...	..	1	..	..	...	...
1	0	0	0	1	1	.	2	..	...	..	1	.	..	...	...
1	0	0	0	1	...	..	3	..	...	..	1	..	..	..	..
0	0	2	0	0	1	..	10	..	...	1	1	..	..	...	...
2	0	0	1	2	1	1	5	..	...	...	1	..	..	...	...
...	...	...	...	...	...	...	7	..	...	1	...	..	..	...	.
...	...	...	...	..	.	...	...	..	...	...	.	..	..	...	...
...	...	...	...	...	..	..	...	..	..	.	...	...	...	...	.
...	...	..	...	1	...	...	...	...	...	...	...	...	..	..	..
11	0	4	2	5	5	3	190	..	1	4	9	1	..	...	

Serial No.	Pakuthi or village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Back-waters.	Puduval lands.	
	Shertala					
1	Mattathilbhagam	10·59	994·28	3712·89	52·93	12397
2	Pallipuram	9·88	1158·86	2511·96	8·08	12071
3	Panavalli	7·59	1393·89	1771·68	12·53	12115
4	Mararikkulam North	6·61	1023·44	...	0·85	12454
5	Tannirmukkam South	15·28	1538·76	3715·60	7·58	17852
6	Tannirmukkam North	9·33	811·64	827·52	6·58	13064
7	Kokkothamangalam	6·23	776·68	724·30	26·40	12822
8	Shertala South	6·25	1012·53	...	3·51	13165
9	Shertala North	5·25	873·70	...	1·80	12197
10	Vayalar East	5·71	897·23	609·96	22·60	11498
11	Vayalar West	9·37	2736·18	...	0·8	23293
12	Turavur South	7·37	2690·44	222·56	0·65	13461
13	Turavur North	7·95	2785·12	272·14	7·30	20958
14	Arur	11·28	2663·92	1703·64	1·59	25687
15	Taikkattuchery	5·36	1208·44	643·84	3·22	9630
	Shertala Census town	...	...	...	..	6765
	Total	124·05	22560·17	16716·69	155·69	229429
	Changanacherry					
1	Ramankari	4·39	1901	...	0·39	4883
2	Muttar	4·58	2125	...	0·82	6313
3	Velianadu	7·52	2134	...	1·90	7249
4	Cheenenkari	4·46	1892	...	0·01	3856
5	Nelamperoor	4·23	1993	...	0·57	3168
6	Vazhappalli West	5·66	2680	...	0·01	5049
7	Kurichi	6·02	1208	.	3·88	9811
8	Vazhappalli East	5·92	928	...	5·87	6947
9	Changanacherry	6·61	2591	...	4·86	1653
10	Ma appalli	17·25	1580	...	5·81	28024
11	Putuppalli	18·88	2116	...	1·53	31889
12	Nedunkunnam	17·99	285	...	15·66	21275
13	Vazhur	21·61	146	...	0·81	24334
14	Vellavur	9·17	82	...	34·87	10003
15	Manimala	13·50	57	...	53·59	10142
16	Cheruvalli	4·34	...	...	...	4977
17	Chirakkadavu	10·56	...	...	...	16480
18	Kanjirappalli North	56·33	20	...	996·46	37441
19	Kanjirappalli South	19.68	...	...	79·64	15284
20	Mundakayam Census Town	..	..	..	.	5967
21	Changanacherry Municipal Town	..	..	..	...	28381
	Total	268·70	22138	..	1205.68	283126

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation Channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or out posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
2	...	2	...	6	1	...	...	...	1	1	1	1	...	...	...
2	...	1	2	5	...	1	...	5	1	...	...	...	...	...	...
5	...	1	1	5	1	...	...	4	...	...	...	...	...	...	...
7	...	1	...	2	1	2	...	...	1	...	...	...	...	...	...
7	...	3	...	5	1	2	...	2	1	...	1	...	...	...	...
5	...	2	...	11	1	2	...	4	1	...	1	...	...	...	...
3	...	...	...	2	...	...	...	4	1	...	...	...	...	...	...
4	...	1	...	2	1	1	...	...	...	...	...	...	...	...	...
4	...	8	...	8	2	1	...	4	1	1	1	2	...	...	3
6	...	1	1	3	1	...	...	1	2	...	...	...	...	...	...
7	...	2	...	9	...	2	...	2	...	...	...	...	...	...	1
1	...	...	...	3	...	1	...	2	...	...	...	...	...	...	...
6	...	2	1	5	2	1	...	2	1	...	2	1	...	1	1
3	...	4	...	8	1	3	...	...	1	...	...	1	...	...	...
3	...	3	...	5	1	1	...	3	...	1	...	1	...	...	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70	...	31	5	79	13	17	...	33	11	3	6	6	...	1	8
Taluk.															
1	...	...	...	6	...	...	...	...	1	...	1	...	...	...	...
3	...	...	...	1	1	...	...	...	2	...	...	...	...	...	...
5	...	1	1	2	1	...	...	...	...	...	...	...	...	...	...
3	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
2	...	1	1	2	1	...	...	...	1	...	...	...	...	...	...
7	...	5	...	2	...	...	...	...	...	1	...	...	...	...	...
5	...	1	...	4	1	...	5	1	1	...	...	...	...	...	...
...	...	...	...	2	...	2	2	...	2	...	...	...	2	...	...
...	...	...	...	1	3	...	3	1	...	...	...	1	3	...	1
12	...	2	1	10	1	2	4	1	1	...	...	...	1	...	...
18	...	1	1	7	3	4	2	6	1	...	...	1	1	...	...
11	...	3	...	8	1	2	...	...	2	...	1	1	...	...	...
18	...	3	...	1	2	5	...	...	...	...	...	...	...	...	...
6	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...
4	...	...	...	3	...	2	...	...	1	...	1	...	...	...	...
3	...	1	...	2	...	...	...	...	1	...	...	...	...	...	...
8	...	2	1	3	2	1	...	...	3	1	1	1	...	...	...
6	...	5	2	4	3	2	...	...	1	1	...	2	...	...	...
7	...	2	...	1	2	4	...	...	2	...	...	...	1	...	...
...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...
7	...	4	1	10	...	...	...	...	...	...	1	...	...	...	...
26	...	31	8	73	22	24	16	9	19	3	6	7	8	...	1

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres. Wet lands	Back-waters.	Puduval lands.	Population.
						Kottayam
1	Tiruvarppu	18·45	9138·00	1039·00	17·00	10784
2	Kottayam	4·86	1637·00	...	...	3563
3	Nattakam	9.43	3321·56	223·65	..	14822
4	Panachikkad	8·78	1531·16	...	16·41	12353
5	Vijayapuram	25·62	3165·72	...	10·70	35399
6	Pampadi	26·59	655·86	...	1·15	29835
7	Akalakkunnam	37·68	446·28	...	...	39313
8	Aimmanam	13·52	4342·99	396·13	·63	21840
9	Kumanam	2·53	1009·72	..	...	5782
10	Kudamalur	·81	142·88	...	...	2518
11	Perampaikadu	2·41	332·10	...	0·60	5310
12	Kaipuzha	14·48	6450·78	603·12	3·41	13543
13	Onamthuruthu	4·97	1721·64	...	...	6684
14	Kumarakam	25·42	8123·20	6742·78	2·38	13027
15	Ettumanur	18·54	1863.50	...	...	25082
	Ettumanur Census Town	...	...	...	...	8195
	Kottayam Municipal Town	...	...	...	...	33364
	Total	214·04	43885·39	9004·68	54·28	281414
						Vaikom
1	Vaikom	7·26	879·51	1427·68	..	9979
2	Naduvila	4·54	1172·85	418·65	·31	1698
3	Vadakkemuri	2·83	809·98	282·83	..	5486
4	Kulasekharamangalam	3·65	977·37	500·00	2·10	6537
5	Champu	7·10	1625·39	1369·1[illegible]	7·83	9519
6	Manakunnam	9·62	1586·27	1383·00	1·24	13952
7	Maravanturuthu	2·41	718·23	..	..	4743
8	Padinjarekkara	3·09	1274·57	..	..	5046
9	Vadayar	16·93	4119·59	..	21·97	20082
10	Mulakkulam	13·94	1704·94	...	1·73	15381
11	Kaduthuruthi	24·21	3763·31	...	3·	28002
12	Manjur	11·19	1885·77	...	..	15893
13	Talayolaparambu	17·44	5065·60	·45	..	14415
14	Vetchur	12·97	5094·63	1664·36	·26	8667
15	Vaikom Municipal Town	...	...	...	...	...
	Total	137·18	30678·21	7026·12	35·44	174646

VILLAGES.—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or Out posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings	Joint Stock.	Co-operative.	Indigenous
Taluk															
3	..	3	2	4	...	...	...	...	1	..	1	...	...	...	1
11	...	4	3	2	2	1	...	1	...	...	...	1	6	...	6
8	..	7	...	6	2	2	...	...	1	..	..	1	...	...	1
9	..	...	...	3	...	...	...	...	...	...	...	...	...	...	...
30	..	18	4	13	2	1	...	2	6	1	...	1	...	..	2
17	...	4	1	5	1	1	...	...	1	1	1	...	...	...	...
21	...	9	1	7	4	3	...	...	1	...	.	...	...	...	...
16	...	4	3	7	3	...	...	1	1	...	...	1	...	...	...
3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
...	...	1	1	4	...	...	...	...	..	..	...	...	...	...	...
3	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...
7	...	3	1	4	1	3	...	...	1	...	..	...	...	...	1
2	...	1	...	2	...	...	...	...	...	...	..	...	...	...	..
11	...	3	1	4	1	1	...	...	1	1	1	1	...	...	...
12	...	9	2	9	3	2	...	1	4	...	...	3	1	...	1
...	...	...	...	2	...	...	...	...	...	1	1	...	...	...	..
..	...	...	...	8	...	...	...	...	...	...	1	...	...	2	..
158	..	67	19	83	19	14	...	5	17	4	5	8	7	2	13
Taluk.															
2	...	5	...	8	...	1	...	..	3	..	...	..	1	...	2
2	...	3	...	...	1	...	...	...	1	1	...	1	...	..	3
2	...	1	...	2	...	1	...	...	...	...	..	..	...	..	...
2	..	1	...	1	1	...	...	...	..	..	..	..	..	...	...
2	...	..	...	3	...	2	...	...	...	..	..	..	..	...	...
5	...	3	1	8	1	3	4	7	2	..	1	1	..	...	3
3	...	..	...	1	...	..	...	5	1	..	1	..	..	...	...
2	...	...	...	2	...	...	...	..	..	..	...	..	..	...	...
8	...	2	..	12	1	1	...	1	1	..	...	1	..	...	...
8	...	1	1	8	...	2	16	1	1	..	..	..	..	...	...
16	...	5	1	9	1	2	10	4	1	..	1	1	2	...	...
8	...	1	...	1	1	1	6	2	..	..	1	..	1	...	1
8	..	2	...	8	...	2	...	...	2	..	1	..	..	...	...
4	..	1	1	5	1	..	...	..	...	...	...	..	..	...	...
...	...	...	...	9	...	...	...	...	..	...	1	..	..	1	...
72	..	25	4	77	7	15	36	20	12	1	6	4	4	1	9

Serial No.	Pakuthi or village.	Area in square miles.	Area in acres. Wet lands.	Back-waters.	Puduval lands.	Population.
						Minachil
1	Puliyannur	16·54	937·55	...	·99	19493
2	Ramapuram	36·43	1523·42	...	169·23	33568
3	Lalam	10·01	318·43	...	·60	10991
4	Bharananganam	12·15	314·48	...	81·07	12089
5	Minachil	20·53	427·64	...	1·74	23987
6	Kondur	42·80	150·59	...	277·71	32265
7	Uzhavur	17·17	1126·69	...	4·62	17859
8	Kanakkary	17·81	1332·83	...	·03	21176
9	Kidangur	11·48	991·50	...	·46	16967
10	Ilakkad	17·70	1003·53	...	1·40	18798
11	Poonjar	75·87	..	...	746·53	34074
	Minachil census town	.	..	...	..	3035
	Total	278·49	8126·66	...	1284·38	244302
						Muvattupuzha
1	Varappatti	17·71	3038·35	...	533·53	14676
2	Kuttamangalam	40·15	3514·65	...	140·30	17144
3	Kuthattukulam	17·68	1973·07	...	61·87	17961
4	Tirumaradi	19·88	3022·27	...	67·31	17910
5	Piravam	18·35	2386·12	...	..	20638
6	Ramamangalam	24·47	3754·11	...	385·95	21255
7	Arakkuzha	19·02	2127·14	...	276·24	16192
8	Muvattupuzha	8·09	1046·30	...	15·59	8330
9	Mulavur	24·39	5279·53	...	1129·81	21781
10	Iramallur	10·65	2848·04	...	1001·70	11954
11	Kothamangalam	36·79	5297·46	...	509·23	30428
12	Enanallur	22·11	2679·22	...	557·48	18512
	Hills unsurveyed	298·10	..	...	..	...
	Hills surveyed	16·42	..	...	..	...
	Muvattupuzha census town	...	..	...	..	9079
	Total	573.81	36966.26	...	4679·11	225860

VILLAGES—(*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation Channels	Ayurveda Vaidyasalas	Allopathic Hospitals and dispensaries	Police Stations or Out-posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co operative.	Indigenous.
Taluk.															
12	...	8	1	5	2	1	...	...	1	..	..	..	..	..	..
23	...	6	1	6	2	5	13	1	1	1	1	1	...	...	...
8	..	7	1	3	2	1	..	..	..	1	...	1	4	..	...
8	.	5	...	1	1	1	...	1	...	..	..	...	..	..	...
16	...	3	1	6	1	1	..	1	3	..	..	...	..	..	..
18	...	7	...	3	4	1	...	...	3	2	1	1	..	...	..
5	..	4	...	2	2	3	..	5	...	1	..	..	...	..	..
9	...	2	...	4	1	1	..	4	2	..	1	1	..	..	...
9	..	5	..	6	2	5	8	14	2	..	1	1	..	..	..
9	...	3	2	2	1	1	6	1	1	..	..	...	..	..	...
10	...	6	1	1	1	4	..	..	2	1	..	1	..	..	...
...	...	...	...	6	...	...	..	..	...	...	1	..	...	1	..
127	..	56	7	45	19	24	27	27	15	6	5	6	4	1	..
Taluk.															
4	...	2	..	1	..	...	3	2	...	...	..	...	...	...	...
3	..	2	..	..	1	..	1	1	.	1	...	..	...	..	...
11	...	4	1	2	1	1	5		..	1	1	1	1	...	...
5	..	1	.	3	1	..	14	1	1	..	..	...	..	...	...
6	...	6	..	3	1	2	9	..	1	1	1	1	1	...	3
7	..	2	..	3	1	1	15	2	..	1	1	...	...	..	...
6	...	1	..	2	2	..	2	.	1	..	...	2	...	..	..
2	..	...	..	1	..	...	...	1	..	.	1	...	1	...	..
11	...	3	..	5	..	1	12	1	1	..	..	...	.	...	..
3	...	1	..	2	1	...	18	5	1	.	..	1	..	...	..
11	..	5	1	4	1	2	10	1	1	1	1	1	..	..	3
5	..	1	..	2	..	1	...	..	.	..	..	...	..	..	..
...	..	...	..	.	..	.	.	...	.	...	..	...	..	.	..
..	..	..	..	..	..	.	...	...	...	...	..	...	..	..	..
...	..	..	..	1	..	..	..	...	...	...	.	...	..	1	..
74	..	33	2	29	9	8	89	15	6	5	5	6	3	1	6

Serial No.	Pakuthi or village.	Area in square miles.	Area in acres.			Population.
			Wet lands.	Back-waters.	Puduval lands.	
						Kunnatnad
1	Manikkamangalam	8·04	2991·50	...	29·52	13460
2	Manjapra	28·27	3489·95	...	1625·66	10807
3	Asamannur	8·24	2071·63	...	101·55	7528
4	Kazhukkambalam	11·12	3167·74	...	21·10	10885
5	Chemmanad	21·67	4252·7	...	457·38	17706
6	Aikaranad	19·67	3912·34	...	72 49	18251
7	Mazhuvannur	18·98	39 0·18	...	340·00	14479
8	Kunnatnad	11·48	2689·30	...	79·63	11168
9	Vazhakulam	7·61	2009·87	..	663·10	8707
10	Vengola	13·78	3330·3	..	440·28	11355
11	Perumbavur	10·78	3196·12	...	46·49	9104
12	Vengoor	29·60	4262·70	..	160·52	16716
13	Cheranallur	14·11	3335·69	.	265·36	15167
14	Rayamangalam	11·53	2851·70	..	48·77	11457
15	Trikkakkara	21·05	5044·19	..	729·1	21321
16	Kothakulangara	27·69	6455·85	..	131·67	34500
17	Alwaye	19·04	3744·52	..	75·19	20116
	Hills unsurveyed	82·00	..	..	..	..
	Perumpavur census town	..	..	..	..	7764
	Alwaye Municipal town	..	..	..	..	9744
	Total	364·66	60726·28	..	5287·71	270235
						Todupuzha
1	Karikode	75·13	1458·09	..	12997·14	36276
2	Todupuzha	17·44	969·08	.	485·70	14081
3	Manakkad	18·46	1173·20	..	792·16	15519
4	Kumaramangalam	27·68	2733·16	..	396·18	24052
5	Karimannur	41·19	3327·58	..	1228·20	29675
6	Kanny Elam Tract (Karikode)	72·28	..	..	..	...
7	Kanny Elam Tract (Karimannur)	109·42	..	..	..	..
	Thodupuzha census town	..	..	..	..	4172
	Total.	361·60	9661·11	..	15899·38	123775

VILLAGES - (*contd.*)

Schools.			Reading Rooms and Libraries.	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or out-posts.	Banks			
Primary.	Technical.	Others.										Anchal Savings.	Joint Stock.	Co-operative	Indigenous.
Taluk.															
3	...	2	1	1	1	1	32	103	1	..	1	1	..	..	...
4	...	...	...	1	1	...	38	124	...	..	..	..	..	..	..
2	...	...	0	2	...	...	32	203	...	..	..	..	..	..	..
5	..	2	...	...	1	1	71	54	...	..	..	..	..	..	...
11	...	1	...	1	1	4	106	175	...	1	1	0	..	..	...
11	...	1	...	1	2	2	34	77	...	..	..	1	..	..	1
11	...	1	2	1	...	...	56	44	...	..	..	..	..	..	..
11	...	...	..	..	0	1	70	97	...	..	..	..	..	..	..
3	...	...	...	1	1	..	33	4	...	..	..	..	..	..	..
5	...	2	...	..	..	...	89	170	..	...	..	..	..	..	...
5	...	4	0	2	1	3	61	311	1	1	1	1	1	0	1
5	..	1	..	2	1	..	69	4	..	..	..	..	..	..	..
6	...	1	..	3	2	..	52	296	1	1	1	...	..	..	..
5	..	2	..	1	1	...	54	99	...	1	..	...	..	..	..
7	..	..	..	1	..	..	136	181	..	..	1	..	..	..	..
15	1	4	..	3	2	2	83	343	..	1	1	1	1	..	3
6	..	7	..	1	1	3	79	205	1	1	0	1	3	..	7
..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..
..	..	..	...	5	..	..	..	..	..	...	..	..	..	1	...
..	..	..	...	7	..	..	..	..	..	...	1	...	..	..	..
105	1	28	3	33	15	17	1095	2490	4	6	7	5	5	1	12
Taluk.															
12	..	4	..	4	2	1	5	3	..	..	1	..	..	...	...
6	..	4	1	2	2	1	7	1	2	1	1	1	1	0	1
7	..	2	..	4	..	1	10	..	..	..	...	..	..	...	...
10	..	7	..	1	2	3	44	..	..	..	..	..	..	...	1
9	..	3	1	2	1	1	9	.	1	..	1	...	..	..	...
..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...
..	..	..	..	3	..	..	..	..		..	1	..	..	1	..
44	..	20	2	16	7	7	75	4	3	1	4	1	1	1	2

Serial No.	Pakuthi or Village.	Area in square miles.	Area in acres. Wet lands.	Back-waters.	Puduval lands.	Population.
						Parur
1	Varapuzha	8·02	1843·79	147·60	..	16208
2	Ezhikkara	2·54	589·38	217·10	..	4059
3	Kottuvalli	8·86	1697·92	..	3·53	14585
4	Parur	7·54	1495·63	..	..	9823
5	Vadakkekara	8.46	791·75	..	1·83	31629
6	Puthenvelikkara	8·61	3322·09	121·87	3·68	14725
7	Puthenchira	9·84	2390·13	..	11·68	8865
8	Ayirur	13·35	4998·44	..	·87	16727
9	Alangad.	8·12	2766·58	..	·01	15005
10	Kadungallur	7·31	2342·15	..	·01	8288
11	Chengamanad	14·82	5935·23	..	·33	19337
12	Parakadavu	9·56	2780·50	..	..	12137
13	Edappalli Thekkumbhagam.	4·17	618·17	..	..	12999
14	Edapalli Vadakkumbhagom.	2·23	275·87	..	..	7409
	Parur Municipal town	..	..	..	..	16179
	Total	113·43	32047·63	486·57	21·94	207971
						Devicolam
1	Natchivayal	5·78	481·45	..	2840·57	216
2	Marayur	35·76	738.29	..	21637·19	1236
3	Keelandur	26·25	619·00	..	2563·0	774
4	Kantalur	18·60	704·00	..	9298·0	920
5	Kottakombu	13·86	138·51	.	8306·87	369
6	Vattavada	12·21	398·53	..	6898·80	1087
7	Kannan Devan Hills	214·74	.	..	100288·75	47027
8	Pooppara	99·58	2·28	..	333·39	6091
9	Udumbanshola	197·35	..	..	261·74	2088
10	Pallivasal	42·67	..	..	27310·15	4565
11	Anakulam West	0·23	..	..	163·70	22
	Total	667·03	3082·06	..	179802·16	64395
						Peermade
1	Mlapara	62·29	..	..	..	158
2	Peruvantanam	49·87	..	..	19971·72	13825
3	Peermade	124·18	12·39	..	43355·83	35883
4	Periyar	98·20	411·27	..	41682·62	10896
5	Vandanmettu	116·36	..	..	..	4137
	Total	450·90	423·66	..	105010·17	64899

VILLAGES—(*concld.*)

Schools.			Reading Rooms and Libraries	Co-operative Societies.	Anchal Offices.	Markets.	Irrigation tanks.	Irrigation Channels.	Ayurveda Vaidyasalas.	Allopathic hospitals and dispensaries.	Police Stations or out posts.	Banks.			
Primary.	Technical.	Others.										Anchal Savings	Joint Stock.	Co-operative.	Indigenous.
Taluk.															
6	1	3	..	2	2	1	..	..	1	1	1	1	1	..	2
3	..	..	..	1	..	..	1	..	..	..	..	..	..	..	1
5	1	1	1	2	1	1	..	..	..	..	..	..	..	..	...
5	..	6	1	..	1	1	..	..	2	1	1	1	4	...	7
10	..	4	..	11	2	1	..	..	1	..	1	..	...	..	..
4	..	..	..	2	1	..	...	...	..	..	1	..	...	..	..
2	..	.	1	..	1	..	1	..	..	..	.	..	..	..	..
6	.	1	..	7	...	..	..	10	2	..	..	..	..	..	1
6	.	1	1	6	1	1	2	8	1	..	..	..	...	..	..
3	..	..	...	2	1	..	..	..	...	.	...	1	...	..	..
7	..	1	...	3	1	1	..	..	...	...	...	...	...	..	..
5	...	2	...	2	1	...	.	..	...	...	1	...	1	..	..
3	...	...	..	1	..	1	2	3	1	...	...	...	...	..	..
6	...	4	1	2	1	1	..	...	1	...	...	1	...	..	2
..	.	...	...	10	...	...	...	...	...	...	1	...	...	1	..
71	2	23	5	51	13	8	6	21	9	2	6	4	6	1	13
Taluk															
..	...	...	...	...	...	..	...	1	...	..	1	...	...	...	...
1	...	...	...	1	1	...	...	3	...	1	...	..	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...
...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
10	...	1	1	...	2	4	...	...	1	3	2	1	1	...	2
1	...	...	...	1	2	...	...	...	...	2	1	1	...	...	..
..	...	...	...	...	1	...	..	...	...	1	1	...	...	...	..
...	...	..	..	2	1	...	...	...	...	2	1	1	...	...	..
..	...	...	...	1	...	...	...	...	...	...	...	...	...	1	..
12	...	1	1	5	7	4	1	6	1	9	6	3	1	1	2
Taluk.															
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..
3	...	...	...	.	1	...	...	...	...	...	...	...	...	...	..
5	...	1	..	1	4	3	...	...	1	3	1	3	...	...	...
1	...	...	...	...	1	1	...	...	...	1	1	1	...	...	..
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..
9	...	1	..	1	7	4	...	...	1	4	3	4	...	...	...

M.=Male.
F.=Female
L. M=London Mission

Serial Number.	Names of Institutions (Taluk war.)	Number of beds.		Surgeons.		Deputy Surgeons.	
	TRIVANDRUM DIVISION.	M.	F.	M.	F.	M.	F.
	TRIVANDRUM TALUK.						
1	General Hospital	‡ 272	67	3	...	2	..
2	Women and Children's Hospital	...	154	..	1	...	..
3	Ophthalmic Hospital	27	24	...	..	...	...
4	Hospital for Mental Diseases, Oolampars	135	60	..	...	...	...
5	Hospital for Chronic Diseases, Do	50	50	..	...	...	...
6	Govt. Hospital, Fort	3	3	...	...	1	...
7	Central Prison Hospital	32	...	..	...	...	...
8	Palace Dispensary	...	...	..	...	...	...
9	Sreepadam Dispensary	...	...	..	...	...	—
10	Huzur Dispensary	...	...	1	...	...	...
11	Govt. Dispensary, Valisthura	4	2	...	...	...	...
12	**Contagious Diseases Ward, Iranimuttom	15	15	...	...	...	...
	TOVALA TALUK.						
13	Govt. Dispensary, Bhuthapandy	1	1	...	...	..	..
14	*S. A. Hospital, Aramboly	6	4	...	...	...	...
	AGASTISWARAM TALUK.						
15	District Hospital, Nagercoil †	20	16	...	...	1	...
16	Govt. Dispensary, Cape Comorin	2	2	...	...	...	...
17	Evening Dispensary, Kottaram						
18	*Catherine Booth Hospital, Nagercoil.	125 (54 Paying)	85	1	...	...	...
19	Tuberculosis Hospital. Nagercoil	56 (4 pay wards)	20	...	...	...	...
	KALKULAM TALUK.						
20	Govt. Hospital, Padmanabhapuram	16	20	..	...	1	...
21	Govt. Dispensary, Colachel	6	2	...	...	...	...
22	*S. I. M. M. Hospital, Neyyoor	142	52	2	...	...	1
23	*C. P. Memorial Leper Asylum, Neyyoor.	150	50	...	...	...	...
24	Govt. Dispensary, Kulasekharam	8	8	...	...	...	...
	VILAVANCODE TALUK.						
25	Govt. Dispensary, Arumana	2	2	...	...	...	...
26	Govt. Dispensary, Tengapattanam	...	...	..	...	...	...
27	*Grant-in-aid Hospital, Martandam	15	13	...	...	...	—

‡ 14 Extra beds for the Tuberculosis Patients.
** Under the Trivandrum Corporation.
† With the Malaria Dispensaries at Kunnathukal, Chemboor, Kattakada, Aryanad, Vellanad, Vilappil and Malayinkil under the control of the D. M. O., Nagercoil.

DISPENSARIES.

S. A. = Salvation Army
S. I. M. M. = South Indian Medical Mission
* Grant-in-aid institutions.

E = European.
I = Indian.

Assistant Surgeons		Sub-Assistant Surgeons.		Honorary House Surgeons.		Nursing Sisters	Trained Nurses.	Sick Nurses.	Compounders.		Midwives	Warders.		Peons.
M.	F.	M.	F.	M	F.				M.	F.		M.	F	
11	...	5	...	5	...	E 8	M 5 F 25	12	6	1	1	23	8	§5
...	3	...	5	...	4	E 8	11	9	...	5	18	1	23	†3
2	...	1	...	...	...	...	2	1	2	..	..	3	3	1
1	...	...	...	...	...	..	..	..	2	..	1	21	7	1
...	...	1	...	...	..	E 3	..	..	..	..	..	2	2	2
...	...	2	...	...	..	..	1	..	3	..	1	1	1	2
...	...	1	...	...	..	..	..	..	1	..	..	..	..	...
...	...	1	...	...	..	..	..	..	..	...	..	..	..	1
1	...	...	...	...	..	..	...	...	1	..	..	..	..	2
1	...	...	...	...	..	..	..	..	1	..	..	..	..	1
...	...	1	...	...	..	..	..	..	1	.	1	..	..	1
...	...	1	...	...	..	..	..	..	..	..	..	1	1	..
...	...	1	...	...	..	..	..	..	1	.	1	..	..	1
...	...	1	...	...	..	..	..	..	1	..	..	1	..	1
1	...	1	1	...	.	E 2	1	..	1	..	1	1	3	1
...	...	1	...	...	.	...	..	..	1	..	1	1	..	1
1	...	...	1	...	..	E 8	3	2	2	1	3	4	.	..
1	..	1	...	..	..	..	M F. 4 6	...	1	...	..	4	6	2¶
...	...	...	...	...	..	...	..	1	1	..	1	1	1	1
...	...	1	...	...	..	..	.	..	1	...	1	..	1	1
...	...	5	1	...	..	E 3	22	..	26	..	..	..	..	..
...	...	1	...	...	..	..	1	..	..	..	..	1	..	..
...	...	1	...	...	..	..	..	..	1	..	1	1	1	1
...	...	1	...	...	..	...	..	...	1	..	1	..	..	1
...	...	1	...	...	..	..	..	..	1	..	1	..	..	1
...	...	1	...	...	..	..	..	..	2	..	1	..	..	2

§ Staff Nurse 1, X-Ray Mechanic 1, Laboratory Asst. 1, Attendars. 3

Asst Attenders. 7, Stretcher Bearers 4, Ambulance Driver 1, Ambulance Cleaner 1, Matron 1

Steward 1, Asst. Do. 2, Clerks. 2], † Steward. 1, Lady Clerk. 1

Laboratory Asst. 1, Female Servant 1], ¶ [Steward clerk 1, Laboratory Technician 1, X-Ray Attender 1

Serial Number.	Names of Institutions (Taluk war.)	Number of Beds.		Surgeons.		Deputy Surgeons.	
	TRIVANDRUM DIVISION—(*contd*)	M.	F.	M.	F	M.	F.
	NEYYATTINKARA TALUK.						
28	Govt. Hospital Neyyattinkara	23	23	..	..	1	..
29	Do. Parassala	15	15	..	..	..	..
30	Govt. Dispensary, Perumkadavila	4	4	..	..	..	..
31	Do. Vizhinjam	2	2	..	..	..	..
	NEDUMANGAD TALUK.						
32	Govt. Hospital, Nedumangad	21	24	..	..	..	..
33	Govt. Dispensary, Palode	6	10	..	..	..	..
34	Do. Vamanapuram	2	2	..	..	..	..
35	Do. Vidura	..	..	..	..	..	..
36	*Grant-in-aid Hospital, Ponmudy	..	...	..	..	..	..
37	*S. A. Hospital, Kulathummel	11	12	..	..	..	..
	CHIRAYINKIL TALUK.						
38	Govt. Hospital, Chirayinkil	21	20	..	..	1	..
39	Govt. Dispensary, Warkala	3	3	..	..	..	..
40	*L. M. Hospital, Attingal	18	20	..	..	..	..
	QUILON DIVISION.						
	QUILON TALUK.						
41	District Hospital, Quilon	48	30	..	..	1	..
42	Victoria Hospital, Quilon	..	62	..	...	..	1
43	*Rama Rao Hospital, Nedumgolam	16	21	..	..	..	..
44	Temporary Dispensary, Kundara	..	...	..	..	..	..
	KARUNAGAPALLY TALUK.						
45	Govt Dispensary. Karunagapally	4	4	..	..	..	..
46	Do. Chavara	1	1	..	..	..	..
47	Do. Kayenkulam	4	4	..	..	..	..
	KARTIKAPALLY TALUK.						
48	Govt. Dispensary, Haripad	1	2	..	..	..	..
	KUNNATHUR TALUK.						
49	Govt. Dispensary, Adur	2	1	..	..	..	..
	KOTTARAKARA TALUK.						
50	Govt. Dispensary, Kottarakara	2	2	..	...	...	..
51	Temporary Dispensary, Kadakkal	...	..	..	..	..	..

DISPENSARIES—(*Contd.*)

Assistant Surgeons.		Sub-Assistant Surgeons.		Honorary House Surgeons.		Nursing Sisters.	Trained Nurses.	Sick Nurses.	Compounders.		Midwives.	Warders.		Peons.
M	F.	M.	F	M.	F.				M.	F.		M	F	
...	..	1	..	..	..	...	2	...	2	...	1	2	1	1
1	..	...	..	..	..	...	..	1	1	...	1	1	1	1
...	..	1	..	..	..	...	...	...	1	...	1	...	...	1
...	..	1	..	..	..	...	...	...	1	.	1	...	...	1
1	..	..	..	..	..	...	1	...	1	...	1	1	1	1
...	..	1	...	..	..	...	1	...	1	...	1	1	...	1
...	..	1	..	..	..	...	...	...	1	...	1	...	...	1
...	..	1	..	..	..	...	...	...	1	...	1	...	...	1
...	..	1	..	..	..	...	...	...	...	...	...	...	...	1
...	..	1	..	..	..	E. 1	...	...	1	...	...	...	...	2
...	..	1	..	..	..	...	1	...	2	...	1	1	1	1
...	..	1	..	..	..	...	...	...	1	...	1	...	...	1
...	..	1	..	..	..	...	...	1	...	...	1	...	...	1
3	..	3	..	1	..	E. 5	2	2	3	...	1	8	4	△2
...	1	..	2	..	2	E. 4	4	...	...	3	10	...	10	@2
..	..	1	..	..	..	...	...	...	1	...	1	1	...	3
...	...	1	..	..	..	..	...	..	...	1	..	..	..	1
...	..	1	..	..	..	...	...	..	1	...	1	...	...	1
..	..	1	..	..	..	...	...	...	1	...	1	..	...	1
...	..	1	..	..	..	...	..	1	1	...	1	1	...	2
..	..	1	..	..	..	...	...	...	1	...	1	1	...	1
1	..	...	..	..	..	...	...	...	1	..	1	...	...	1
...	..	1	..	..	..	..	...	..	1	...	1	1	..	1
...	..	1	..	..	..	...	...	...	1	1	..	1	..	1

△Steward 2nd Class 1
Laboratory Asst 1

@Steward 2nd Class. 1

Serial Number.	Names of Institutions (Taluk war.)	Number of Beds.		Surgeons.		Deputy Surgeons.	
	QUILON DIVISION.—(*contd*)	M.	F.	M.	F.	M.	F.
	AMBALAPUZHA TALUK.						
52	District Hospital, Alleppey	50	47	...	...	1	...
53	Govt. Dispensary, Mullakkal	...	...	...	...	...	...
54	Do. Dispensary, Ambalapuzha	2	2	...	...	...	...
55	Do. Dispensary, Edathua	2	2	...	...	...	...
56	Do. Dispensary, Kalavur	2	2	...	...	...	...
57	Do. Dispensary, Pulincunnu	10	10	...	...	...	...
	MAVELIKARA TALUK.						
58	Govt. Hospital, Mavelikara	34	35	...	...	1	...
59	Do. Dispensary, Thumpamon	1	...	...	...	...	
60	Leper Colony, Nooranad	406	148	...	...	...	...
	TIRUVALLA TALUK.						
61	Govt. Hospital, Tiruvalla	30	30	...	...	1	...
62	Do. Dispensary, Chengannur	5	3	...	...	...	...
63	Do. Dispensary, Mallapally	...	...	...	...	...	...
	PATHANAMTHITTA TALUK.						
64	Govt. Hospital, Kozhencherry	21	18	...	...	1	...
65	Do. Dispensary, Konni	2	2	...	...	...	...
66	Do. Dispensary, Pathanamthitta	4	2	...	...	...	...
67	Do. Dispensary, Ranni	4	4	...	...	...	...
	PATHANAPURAM TALUK.						
68	Govt. Dispensary, Punalur	8	12	...	...	...	...
	SHENCOTTA TALUK.						
69	Govt. Hospital, Shencotta	11	16	...	...	...	...
70	Do. Dispensary, Ayikudy	2	2	...	...	...	...
71	*Grant-in-aid Dispensary, Kalthurutty	31	17	...	...	...	...
72	*Grant-in-aid Dispensary, Puliyara	3	...	...	...	...	...
	SHERTALA TALUK.						
73	Govt. Hospital, Shertala	15	15	...	...	...	...
74	S. L. B. H., Thaikattussery.	6	6	...	...	...	...
75	Govt Dispensary, Arukkutty	4	4	...	...	...	...
	KOTTAYAM DIVISION.						
	KOTTAYAM TALUK.						
76	Govt. Hospital, Kottayam	60	78	1	...	...	...
77	Do. Dispensary, Athirampuzha	2	1	...	...	...	...
78	Do. Dispensary, Kumarakam	2	2	...	...	...	...
79	Do. Dispensary, Pampady	3	2	...	...	...	...
	CHANGANACHERRY TALUK.						
80	Govt. Hospital, Changanacherry	20	10	...	...	1	...
81	Do. Hospital, Kanjirapally	19	19	...	...	...	...
82	Do. Dispensary, Mundakayam	6		...	...	...	...

DISPENSARIES—(*contd.*)

Assistant Surgeons.		Sub Assistant Surgeons.		Honorary House Surgeons.		Nursing Sisters.	Trained Nurses.	Sick Nurses.	Compounders.		Midwives.	Warders.		Peons.
M.	F.	M.	F.	M.	F.				M.	F.		M.	F.	
1	1	3	...	1	...	E3	3	1	3	...	3	3	3	‡2
1	...	...	1	...	...	...	...	...	1	...	1	1	1	...
...	..	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	.	...	...	...	...	1	...	1	...	...	1
...	1	2	...	...	..	E 2	2	...	2	1	1	4	2	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
1	...	2	...	...	...	E 3	...	...	1	...	...	8	1	†1
..	...	2	1	...	...	E 2	2	...	2	1	1	2	2	1
...	...	1	...	..	...	...	...	...	2	...	1	..	1	1
...	...	1	...	...	...	...	...	...	1	..	1	...	...	1
...	...	1	1	...	...	...	2	...	1	...	1	1	1	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	1	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	1	1
1	...	...	...	...	...	...	...	...	1	...	1	1	1	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
1	...	...	...	...	...	...	...	...	1	...	1	...	...	1
..	...	1	...	...	...	...	...	...	1	...	1	...	...	1
1	...	1	...	...	...	...	1	...	2	...	1	2	1	1
...	...	1	...	...	...	...	.	...	1	...	1	1	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
2	1	3	...	...	..	E 2 I. 4	4	...	3	...	2	5	4	1
1	...	...	...	...	...	...	...	...	1	...	1	...	...	1
...	..	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	2	...	...	...	...	1	1	2	...	1	2	1	1
1	...	1	...	...	...	...	1	...	1	...	1	1	1	1
1	...	...	...	...	...	...	...	...	1	...	1	...	...	1

‡ Steward 2nd Class 1
Laboratory Asst. 1

†Steward Clerk 1
Headwarder 1
Steward clerk 1

Serial Number.	Names of Institutions (Taluk-war)	Number of Beds.		Surgeons.		Deputy Surgeons.	
	KOTTAYAM DIVISION—(*contd.*)	M.	F.	M.	F.	M.	F.
	VAIKAM TALUK.						
83	Govt. Hospital, Vaikom	16	16	..	..	1	..
	MINACHIL TALUK.						
84	Govt. Hospital, Lalom	17	14	..	..	1	..
85	Bi-Weekly Dispensary, Poonjar						
86	Govt. Dispensary, Kuravilangad	2	2	...	..	..	..
87	Do. Ramapuram	2	2	...	..	..	..
88	*Maternity Welfare Centre, Melkavu	...	...	...	..	..	..
	MUVATTUPUZHA TALUK.						
89	Govt. Hospital, Muvattupuzha	25	25	..	..	1	..
90	Do. Dispensary, Kuthattukulam	3	1	...	..	..	..
91	Do. Piravom	2	2	...	..	..	..
92	Do. Kothamangalam	2	2	...	..	..	..
93	Temporary Dispensary, Adimalai	...	...	...	...	..	...
	KUNNATNAD TALUK.						
94	Govt. Hospital, Alwaye	14	8	...	..	1	...
95	Do. Dispensary, Perumbavur						
96	Bi-Weekly Dispensary, Kodanad	5	5	...	..	..	..
97	*S. A. Leper Asylum, Semmanad	116	84	...	..	..	..
	TODUPUZHA TALUK.						
98	Govt. Dispensary, Todupuzha	4	4	...	..	..	..
	PARUR TALUK.						
99	Govt. Hospital, Parur	20	26	...	..	1	..
100	*Grant-in-aid Hospital, Manjummel	27	8	...	..	..	..
	DEVICOLAM TALUK.						
101	Govt. Dispensary, Devicolam	11	6	...	..	..	..
102	Do. Marayoor	2	2	...	..	..	..
103	Do. Udumbanshola	2	1	..	..	..	..
104	Weekly Dispensary, Santhanpara						
105	*Grant-in-aid Dispensary, Periakanal	...	...	...	..	..	..
106	*Grant-in-aid Dispensary, Munnar	...	...	...	..	..	..
107	*Grant-in-aid Dispensary, Chittuvarai	9	9	...	..	..	..
108	Govt. Dispensary Chithirapuram	4	4	...	..	...	..
	PEERMADE TALUK.						
109	Govt. Dispensary, Peermade	...	...	...	..	..	..
110	Do. Kumily	...	...	...	..	..	..
111	*Grant-in-aid Dispensary, Granby	12	12	...	..	..	..
112	* Do. Bonami	7	9	...	..	..	..

DISPENSARIES—(*concld.*)

Assistant Surgeons.		Sub-Assistant Surgeons.		Honorary House Surgeons.		Nursing Sisters.	Trained Nurses.	Sick Nurses.	Compounders.		Midwives.	Warders.		Peons.
M.	F.	M.	F.	M.	F.				M.	F.		M.	F.	
...	...	1	...	...	...	...	1	...	2	...	1	2	1	1
...	...	1	...	...	...	...	...	...	2	...	1	1	1	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
1	...	1	...	...	...	...	1	...	1	...	1	...	...	1
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	1	...	...	...	I. 2	2	...	2	...	1	2	1	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	1	..	..	..	..	1
..	...	1	...	...	...	Z. 2	...	...	2	...	1	1	1	1
1	...	...	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	1	...	1
...	1	1	...	...	...	E. 2	1	2	3	...	1	2	1	‡1
...	...	1	...	...	...	1	...	3	1	...	1	3	...	...
1	...	...	...	...	...	...	...	...	1	...	1	1	...	1
...	...	1	...	...	...	...	...	...	..	...	...	...	...	1
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	...	...	...	...	...	...	...	...	1	...	...	2
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	1	..	1	...	...	1	1	†1
...	...	1	...	...	...	...	...	...	1	..	1	1	..	1
...	...	1	...	...	...	...	...	...	1	...	1	...	...	1
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	1	...	...	...	...	...	...	1	...	1	1	...	..
...	...	1	...	...	...	...	...	...	1	...	...	...	...	1

‡Laboratory Asst. 1 — † Attender 1

Serial number.	Name.	Date of establishment.	Area in square miles.	Population.	Wards.	Composition of the Council.		
						Total strength.	Elected members.	Members appointed by Government.
	Corporation of Trivandrum .	1940	12	128480	24	32	24	8
2	Alleppey .	1894	5	56609	18	23	18	5
3	Alwaye .	1911	2·24	9744	6	16	12	4
4	Attingal .	1913	16	16238	15	20	15	5
5	Changanacherry .	1912	5·5	28384	6	19	13	6
6	Colachel .	1912	2	11379	12	16	12	4
7	Kayankulam .	1911	3	10915	6	16	12	4
8	Kottayam .	1900	6·35	33367	14	23	15	8
9	Kuzhithura .	1913	1·83	8851	6	16	12	4
10	Mavelikara .	1941	4	16022	4	16	12	4
11	Nagercoil .	1894	3.48	51603	16	23	18	5
12	Neyyattinkara .	1913	12	13832	12	16	12	4
13	Padmanabhapuram .	1912	2·5	11936	6	16	12	4
14	Parur .	1912	3	16181	15	20	15	5
15	Quilon .	1894	6	49506	18	23	18	5
16	Shenootta .	1920	·86	14816	12	16	12	4
17	Tiruvella .	1920	4·35	18002	8	20	15	5
18	Vaikom .	1911	3.7	15243	15	20	15	5

TOWNS

Markets.	Revenue in 1117.			Expenditure in 1117.	Municipal Fund in 1117		Incidence of taxes per head of the population.		
	Taxes.	Other sources.	Government grant.		Opening balance.	Closing balance.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	ch.	c.
8	1,20,466	1,31,228	10,000	2,56,924	95,153	99,923	0	26	4
3	61,432	31,033	...	85,472	22,749	29,743	1	2	6
3	5,586	12,022	17,608	18,207	23,876	23,277	0	12	5
4	2,547	5,917	500	10,141	14,543	13,366	0	6	1
2	8,006	17,335	...	24,110	28,848	30,079	0	7	12
1	1,451	2,070	1,000	4,299	1,854	2,052	0	3	9
2	4,609	5,052	2,000	9,733	3,352	5,279	0	11	15
2	26,205	20,747	5,000	53,328	27,547	26,171	0	21	15
2	1,525	537	...	14,669	9,656	11,171	0	4	13
4	...	6	2,000	2,094	3,558	3,972	...	..	..
5	16,718	41,448	4,716	70,345	44,888	37,424	0	9	1
4	1,567	11,128	...	14,246	16,205	14,654	0	3	3
2	4,583	3,678	...	8,146	2,253	2,400	0	10	12
1	3,467	10,100	...	13,235	8,598	8,931	0	6	0
4	29,807	38,552	5,000	69,670	16,654	20,034	0	16	14
1	6,795	10,651	...	16,107	28,665	30,004	1	4	15
6	3,930	5,511	4,000	13,842	5,114	4,714	0	6	2
1	2,937	2,816	1,000	6,298	428	883	0	5	2

Statement showing the area (in acres) under principal crops during 1117 M. E.

S. No.	Name of Taluk.	Paddy.	Cocoanut.	Tapioca.	Sugar cane.	Rubber.	Tea.	Coffee.	Pepper.	Ginger.
	TRIVANDRUM DIVISION									
1	Tovala	14,049	815	900	5	30	364	114	21	...
2	Agastisvaram	24,508·98	6,612.26	8·60	25	...	...	...	...	..
3	Kalkulam	22,005	12,210	17,750	1	1,221·90	705	41	115	410
4	Vilavankod	8,459·07	8,931.81	22,199·84	...	2,640·32	...	...	94·70	144
5	Neyyattinkara	14,775	31,960	49,020	...	...	...	...	250	115
6	Trivandrum	10,435·10	21,093·81	9,250·46	...	81·50	...	...	931	37
7	Nedumangad	14,343·97	9,316·91	53,363 83	45·23	3,006·02	2747	...	15,177·13	45·44
8	Chirayinkil	10,273·05	30.091·97	18,368	...	10	...	...	1,513	...
	QUILON DIVISION.									
1	Quilon	14660 00	49885·00	9980·00	...	..	...	...	8·00	...
2	Kottarakara	18050·00	32650·00	43300·00	80·00	792·50	...	...	8800·00	40·00
3	Pathanapuram	11248·90	5775·35	32123·52	358·68	7711·15	3152·80	...	3514·63	148.46
4	Shencotta	8447·00	1105·00	...	...	2745·00	1050·00	25·00	...	..
5	Pathanamthitta	6504·43	22850·00	36018·00	3022·00	13331·34	3509·92	147·70	3750.00	245·00
6	Tiruvella	32250 00	43205·00	38560·00	6546.00	1341·00	...	...	1450·00	12·00
7	Kunnathoor	14299·71	10175·00	29216·21	582·76	4517·60	40·00	...	2682·00	43·26
8	Ambalapuzha	54286·00	23804·00	...	...	...	...	...	...	...
9	Karthigapalli	24704·00	16457·00	745·00	...	...	...	...	...	...
10	Mavelikara	21972·00	19070·00	24801·00	130·00	72·00	...	...	469·00	246·00
11	Karunagapalli	15882·00	27628 00	5196·00	...	...	...	...	14.00	21·00
12	Shertala	22180·00	34963·00	1026·00	...	...	...	...	...	...
	KOTTAYAM DIVISION,									
1	Changanacherry	28165	23382	27297	656	25918	1549	773	2407	1674
2	Kottayam	39130	28804	27700	1240	3920	2	195	2960	2177
3	Vaikom	29467·78	23079·81	13781·25	8·3	953·69	..	36·51	6525	2858·38
4	Meenachil	12468·98	52484·22	14577·17	212·58	13460·88	1022·74	2985·90	11984·52	5561·17
5	Muvattupuzha	56800	10200	11380	450	6672	...	327	10390	5634
6	Todupuzha	20035	10005	6422	22	6982·23	483·73	510	15325	3240
7	Kunnatnad	64912	919·30	10411·50	300·35	1788·60	...	...	2009	917
8	Parur	32047·63	20551·69	2091·80	1337·99	110·65	...	...	126·18	80·17
9	Devicolam	2530·15	...	40	5·65	769	33612·35	896·93	...	—
10	Peermade	596	5	438	...	5467	28961	34	215	—

LIST OF TITLE HOLDERS IN THE TRAVANCORE STATE.

Serial No.	Name of holder.	District or place of residence of holder	Nature of authority and date.	Official form of address.
	I. BRITISH TITLES.			
	Order of the Star of India.			
	Knight Commander			
1	Sir C. P. Ramaswami Aiyar ...	Trivandrum	1941	*Sachivottama* Sir C. P. Ramaswami Aiyar K.C.S.I., K.C.I.E., LL.D., Dewan of Travancore, Trivandrum.
	Companion.			
2	Dewan Bahadur T. Raghaviah ...	Madras ...	1924	Dewan Bahadur T. Raghaviah C. S. I., Retired Dewan of Travancore, "Venkita vilas", Gream's Road, Cathedral, Madras.
	Order of the Indian Empire.			
	Knight Commander			
3	Sir C. P. Ramaswami Aiyar ...	Trivandrum	1925	*Sachivottama* Sir C. P. Ramaswami Aiyar K.C.S.I., K.C.I.E., LL.D., Dewan of Travancore, Trivandrum.
	Order of the British Empire.			
	Member of the Civil Division.			
4	Khan Bahadur G. Saiyid Abdul Karim Sahib Suhrawardy ...	Trivandrum.	1926	Khan Bahadur *Rajyasevapravina* G. Saiyid Abdul Karim Sahib Suhrawardy, M. B. E., Inspector General of Police, Travancore.

LIST OF TITLE HOLDERS IN THE TRAVANCORE STATE.—(*contd.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Dewan Bahadur	
5	Dr. P. N. Lakshmanan ...	Jubbalpore.	Sanad of His Excellency the Viceroy and Governor-General of India, dated June 1920.	Dewan Bahadur Dr. P. N. Lakshmanan, Retired Durbar Physician of Travancore, Nerbudda Road, Jubbalpore.
6	V. S. Subramonia Aiyar ...	Trivandrum ...	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1932.	M. R. Ry., Dewan Bahadur *Rajyasevadhurandhara* V. S. Subramonia Aiyar Avl., Retired Dewan of Travancore, Trivandrum.
			Rao Bahadur	
7	K. V. Rangaswami Aiyangar ...	Madras.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1917.	M. R. Ry., Rao Bahadur K. V. Rangaswami Aiyengar Avl., Madras.
8	R. Kuppuramaswami Sastri ...	Madras.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 3rd June 1922.	M. R. Ry., Rao Bahadur R. Kuppuramaswami Sastri, Avl. Lloyds Road, Royapetta, Madras.
9	A. M. Muthunayagam Pillai ...	Trivandrum.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1924.	Rao Bahadur A. M. Muthunayagam Pillai, Retired High Court Judge, Trivandrum.

LIST OF TITLE HOLDERS IN THE TRAVANCORE STATE—(*contd.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address
			Rao Bahadur.	
10	John Kurien.	Kottayam.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1926.	Rao Bahadur John Kurien, Retired Executive Engineer, P. W. D. Travancore, Kottayam.
11	G. Sankara Pillai.	Trivandrum	Sanad of His Excellency the Viceroy and Governor-General of India, dated 3rd June 1927.	M. R. Ry., Rao Bahadur G. Sankara Pillai Avl., Retired High Court Judge, Trivandrum
12	K. Narayanan Pandalay.	Do	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1931.	M. R. Ry. Rao Bahadur K. Narayanan Pandalay Avl., Retired Chief Secretary to Government Trivandrum.
13	Dr K. Raman Tampi.	Do	Sanad of His Excellency the Viceroy and Governor-General of India, dated 3rd June 1933.	Rao Bahadur Dr. K. Raman Tampi, Retired Inspecting Medical officer, Trivandrum.
14	T. V. Venkateswara Ayyar,	Do.	Sanad of His Excellency the Viceroy and Governor-General of India dated 1st January 1938.	M. R. Ry. Rao Bahadur T. V. Venkateswara Ayyar Avl., Conservator of Forests, Travancore.

LIST OF TITLE HOLDERS IN THE TRAVANCORE STATE—(*concld.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Rao Sahib	
15	O. M. Cheriyan.	Kottayam.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 3rd June 1919.	Rao Sahib O. M. Cheriyan Retired Inspector of Schools, Travancore, Kottayam.
16	T. Padmanabha Rao.	Trivandrum.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 3rd June 1927.	M. R. Ry. Rao Sahib *Udarasiromani* T. Padmanabha Rao Avl, Retired Anchal Superintendent, Trivandrum.
17	S. Parameswara Aiyar.	Do.	Sanad of His Excellency the Viceroy and Governor-General of India, dated 1st January 1931.	M. R. Ry. Rao Sahib *Mahakavi* S. Parameswara Aiyar Avl., Retired Dewan Peishkar, Trivandrum.

LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJA *

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Udarasiromani	
1	Rao Sahib T. Padmanabha Rao.	Trivandrum	1934	M. R. Ry, Rao Sahib *Udarasiromani* T. Padmanabha Rao Avl., Retired Anchal Superintendent, Trivandrum.
			Vastuvidyakusala	
2	C. Balakrishna Rao.	Trivandrum	1934	M. R. Ry, *Vastuvidyakusala* C. Balakrishna Rao Avl., Retired Water Works and Drainage Engineer to Government, Travancore, Trivandrum.
			Nawab	
3	Khan Bahadur Sir Muhammad Habibullah Sahib Bahadur, K. C. S. I., K. C. I. E., LL. D.	Bombay	26th October 1935	Khan Bahadur *Nawab* Sir Muhammad Habibullah Sahib Bahadur, K. C. S. I., K. C. I. E., LL. D., Retired Dewan of Travancore, Dinath Court, Worly, Bombay.

*This chronological classification is liable to alteration if and when a rearrangemento these titles under different classes takes place.

LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJ * (*contd*)

Serial No	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Sadasyatilaka	
4	T. K. Velu Pillai.	Trivandrum	26th October 1935.	M. R. Ry., *Sadasyatilaka* T. K. Velu Pillai Avl., Advocate, Trivandrum.
			Vaidyasastrakusala	
5	Mrs. M. Poonen Lukose.	Trivandrum	26th October 1935.	*Vaidyasastrakusala* Mrs. M. Poonen Lukose, Retired Surgeon-General, Travancore.
			Sachivottama	
6	Sir C. P. Ramaswami Aiyar, K.C.S.I., K.C.I.E., LL.D.	Trivandrum	11th November 1936.	*Sachivottama* Sir C. P. Ramaswami Aiyar, K.C.S.I., K.C.I.E., LL.D., Dewan of Travancore, Trivandrum.
			Mahakavi	
7	Rao Sahib Ulloor S. Parameswara Aiyar.	Trivandrum	11th November 1936.	M. R. Ry., Rao Sahib *Mahakavi* S. Parameswara Aiyar Avl., Retired Dewan Peishkar, Trivandrum.

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LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJA* —(*contd.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Rajyarakshapravina	
8	R. Pitchu Aiyangar.	Trivandrum	1st November 1937.	M. R. Ry., *Rajyarakshapravina* R. Pitchu Aiyangar Avl., Retd. Commissioner of Police, Travancore.
			Rajakaryakusala	
9	Miss D. H. Watts.	Trivandrum	1st November 1937.	*Rajakaryakusala* Miss D. H. Watts, Trivandrum.
			Rajyasevadhurandhara	
10	Dewan Bahadur V. S. Subramonia Aiyar.	Trivandrum	22nd October 1938.	M. R. Ry. Dewan Bahadur *Rajyasevadhurandhara* V.S. Subramonia Aiyar Avl., Retired Dewan of Travancore, Trivandrum.
			Vaidyasastranipuna	
11	L. A. Ravi Varma.	Trivandrum	22nd October 1938.	M. R. Ry., *Vaidyasastranipuna* L. A. Ravi Varma Avl., Retired Surgeon, Trivandrum.

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LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJA*—(*contd.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Rajyasevapravina	
12	G. Parameswaran Pillai.	Trivandrum	8th November 1939.	M. R. Ry, *Rajyasevapravina* G. Parameswaran Pillai, Avl., Chief Secretary to Government, Trivandrum.
13	M. K. Nilakanta Aiyar.	Do.	29th October 1940.	M. R. Ry, *Rajyasevapravina* M. K. Nilakanta Aiyar Avl., Retired Chief Secretary to Government, Trivandrum.
14	Khan Bahadur G. Saiyid Abdul Karim Sahib Suhrawardy, M. B. E.	Do.	29th October 1940.	Khan Bahadur *Rajyasevapravina* G. Saiyid Abdul Karim Sahib Suhrawardy, M. B. E., Inspector-General of Police, Travancore.
15	U. Padmanabha Kukillaya	Do.	19th October 1941.	M. R. Ry. *Rajyasevapravina* U. Padmanabha Kukillaya Avl., Advocate General, Trivandrum.
16	C. V. Chandrasekharan	Do.	6th November 1942.	M. R. Ry. *Rajyasevapravina* C. V. Chandrasekharan Avl., Pro-Vice Chancellor, University of Travancore, Trivandrum.

* This chronological classification is liable to alteration if and when a rearrangement of these titles under different classes takes place.

LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJA*—(*contd.*)

Serial No.	N e of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Rajyasevapravina	
17	K. P. Padmanabha Menon	Trivandrum	6th November 1942.	M. R. Ry. *Rajyasevapravina* K. P. Padmanabha Menon Avl. Electrical Engineer to Government, Trivandrum.
			Rajyasevanirata	
18	Dr. C. O. Karunakaran.	Trivandrum.	29th October 1940.	*Rajyasevanirata* Dr. C. O. Karunakaran, Superintendent, Public Health Laboratory, Trivandrum
19	K. G. Parameswaran Pillai.	Quilon.	29th October 1940.	M. R. Ry. *Rajyasevanirata* K. G. Parameswaran Pillai Avl., Quilon.
20	Dr. M. K. Gopala Pillai.	Trivandrum	6th November 1942	*Rajyasevanirata* Dr. M. K. Gopala Pillai, Director of Public Health, Trivandrum.
			Rajakaryapravina	
21	N. Krishnamurti	Trivandrum.	6th November 1942.	M. R. Ry. *Rajakaryapravina* N. Krishnamurti Avl, Private Secretary to His Highness the Maharaja.

* This chronological classification is liable to alteration if and when a rearrangement of these titles under different classes takes place.

LIST OF HOLDERS OF TITLES CONFERRED BY HIS HIGHNESS THE MAHARAJA—(*concld.*)

Serial No.	Name of holder.	District or place of residence of holder.	Nature of authority and date.	Official form of address.
			Maharaja's Medal (Gold).	
22	Miss A. T. Martin	Trivandrum	8th November 1939.	Miss A. T. Martin, Retired Surgeon, Trivandrum.
23	S. C. H. Robinson	Peermade	8th November 1939.	S. C. H. Robinson, Esq., Game Warden, Peermade.
24	Gayakasikhamani L. Muthia Bhagavathar	Trivandrum	19th October 1941	M. R. By. *Gayakasikhamani* L. Muthia Bhagavathar Avl., Principal, Sri Swati Tirunal Academy of Music, Trivandrum.
25	S. Chidambaram	Do.	6th November 1942.	M. R. By. S. Chidambaram Avl. Private Secretary to the Dewan, Trivandrum
26	E. G. Salter.	Do	6th November 1942.	E. G. Salter Esq., Director of Transport, Trivandrum.

SOUTH INDIAN RAILWAY

Travancore Branch

Stations.	Distance in miles from Madras Beach	Stations.	Distance in miles from Madras Beach.	Stations.	Distance in miles from Madras Beach.
Maniyachi J. (E. R.) (L. I. R.)	* 387	Kila Kadaiyam	424	Ezhukone	463
Nanilkinar	391	Mettur	420	Kundara	* 466
Gangaikondan	396	Pavur Chutram	417	Kilikollur	470
Talaiyuthu	401	Kizha Puliyur	412	Quilon (E. R.) (L. I. R.)	474
Tinnevelly J. (E. R.) (L. I. R.)	§ 405	Tenkasi (for Courtalam)	411	Vayyanad	480
Tinnevelly Town	407	Shencottah (E. R.) (L. I R.)	416	Paravur	482
Pettai	409	Ghat Section: Bhagavathipuram	† 420	Kappil	485
Melakallur	414	Ghat Section: Aryankavu	425	Edavai	486
Sermadevi	417	Ghat Section: Tenmalai	43[illegible]	Varkala	489
Viravanallur	421	Ghat Section: Edamann	441	Akathumuri	† 493
Kallidaikurichi	424	Ghat Section: Punalur	446	Kadakavur	495
Ambasamudram	427	Auvaneeswarem	451	Chirayinkil	497
Kizha Ambur	430	Kottarakara	458	Murukkumpuzha	501
Azhwarkurichi	†427			Kaniyapuram	504
Ravanasamudram	426			Kazhakuttam	506
				Trivandrum Pettah	513
				Trivandrum Central (E. R.) L. I. R.	514

* *Via* Villupuram—Trichinopoly chord line.

§ *Via* Villupuram—Trichinopoly chord line and Maniyachi.

† *Via* Villupuram-Trichinopoly and Virudhunagar—Tenkasi chord lines.

Shoranur-Cochin State Railway.

From Madrae (Central Station).	Stations.	From Madras (Central Station).	Stations.
Miles		Miles.	
360	Shoranur J. (E. R.) (I. R.) (a)	400	Chalakudi
363	Vettikkatiri	403	Koratti Angadi
365	Mullurcarai	406	Karukkutty
371	Wadakancheri	409	Angamali for Kaladi
375	Mulagunnathukavu	413	Chewarra
380	Punkunnam	415	Alwaye
381	Trichur (L. I. R.)	421	Idappalli
385	Ollur	425	Ernakulam North. (b)
389	Pudukad	427	Eranakulam South (L. I. R.)
392	Nellayi		
396	Irinjalakuda		Cochin Harbour Terminus Station (E. L R.) (L. I. R.)

(E. R.) European Refreshment-room. (a) Junction for the main line. (b) For Cochin.

(I. R.) Indian Refreshment Room: (L. I. R.) Light Indian Refreshments.

(E. L. R.) European Light Refreshments.

RULES FOR THE OCCUPATION OF REST HOUSES AND P. W. D. CAMPSHEDS IN THE STATE.

RULES FOR THE OCCUPATION OF REST HOUSES.

1. The Bungalows are maintained by Government in the interests of the travelling public and Government Officers on circuit and are in the charge of the Travancore P. W. D. Complaints as to any negligence or inefficiency of the servants employed in these Bungalows should be addressed to the Executive Engineer in charge of the Division, but complaints of a more serious nature may be made to the Chief Engineer. Persons occupying Rest Houses are expected to exercise due consideration and care for the Bungalows and furniture and any defacing of the walls or wilful damage to or spoiling of the furniture will render the occupants liable to expulsion from the buildings besides payment of damage.

2. Rest Houses are of two classes, according to the nature of the convenience provided. A First Class Rest House is in the immediate charge of a butler who also caters to the travellers on payments made in advance A tariff of charges for ordinary meals is posted in the Bungalow. The tariff is however subject to alteration or revision from time to time without previous notice. There is only a watcher in charge of a Second Class Rest House. He is not expected to cook; but will render such assistance as he can in this matter to travellers.

3. A list of Rest Houses of the two classes is attached.

The fees for occupation are as below :—

Accommodation.	*First Class Rest House.*	*Second Class Rest House.*
(*a*) for each adult for a period of 6 hours or portion thereof in any one day ...	As. 8	As. 4
(*b*) for each adult for one day or any longer period than 6 hours in any one day ...	Re. 1	As. 8

3 A. The fees for occupation of Rest Houses provided with electric installation are as below :—

	First Class Rest House.			*Second Class Rest House.*		
	Rs.	As.	P.	Rs.	As.	P
(*a*) for each adult for periods of six hours in any one day or portion thereof ...	0	12	0	0	8	3
(*b*) for each adult for a whole day of 24 hours calculated from the hour of arrival or any period longer than six hours in any one day ...	1	8	0	1	0	0

NOTE :—1. Members of the same family occupying the same room shall pay only one fee, the word "family" means a man, his wife and children irrespective of the number or a party of 3 adult members of the same family and the word "room" means a suite of rooms including the dressing and bathrooms.

2. Only 75 per cent. of the above fees will be charged in the case of Government Officers drawing a salary of Rs. 150 and above and up to Rs. 300 and only 50 per cent. in the case of such Officers drawing a salary of less than Rs. 150. Government officers whenever they occupy Rest Houses should note their salary in the Occupation Register failing which they will have to pay the full fees as per rules.

3. Servants travelling by themselves independently of their masters shall not be permitted to occupy Rest Houses But if they go in advance of their masters to the Rest Houses or stay behind for packing and removing *samans* they may occupy the out-houses without payment of fees.

4. When, however, the masters themselves do not, for any reason occupy the Bungalow in the course of the day or the night, as the case may be, after the servants begin to occupy the out-houses, half the above rate of fees will have to be paid by such servants for every day of their occupation commencing from the time of their arrival with the *samans*.

5. When parties of persons make a brief halt at the Rest House where there is not accommodation for the rooms to be assigned—one room for every two persons—the rent would not be person-war but would be room-war at the rate of 2 persons per room for the number of rooms available in the Rest House, the term brief halt meaning not more than 3 days.

6. 'Day' means a day of 24 hours counted from the hour of arrival of a traveller.

3B. Occupation fee for the new Rest House at Cape Comorin (The Cape Hotel) will be Rs. 2 per day per room for each traveller; but if a party of travellers occupy a single room, the principal member should pay Rs. 2 and every other member of the party should pay Re. 1 not more than 3 to occupy one room, children in arms being free. For occupation for periods of 6 hours or less in a day by individuals or parties, the fee shall be half the above rate. Accommodation in the Cape Hotel may be reserved on payment of the above fee without limit of time on formal application to the Division Officer, Nagercoil. The full amount of fees for the period of reservation should be sent along with the application for reservation from travellers other than Government Officers. Unless intimation to the contrary is given before the commencement of the period for which reservation is sought for Government Officers on whose request the accommodation is reserved will be liable to pay the fees for the reservation whether or not they actually occupy the building. No refund of fees paid by travellers other than Government Officers will be made except when the reservation sought for is not granted or when for any reason not due to their fault, the occupants are not allowed occupation for the full period of reservation.

NOTE :— Besides the above fees, the amount of 4 annas per head for period not exceeding 6 hours and 8 annas per head for periods exceeding 6 hours in a day will be charged from the occupants for the use of electric current when the same is made available for use.

4. Travellers in actual occupation of Rest Houses have the right to continue occupation in preference to all later arrivals or applicants for twenty-four hours from the time of initial occupation provided it is not reserved in the meantime under the orders of Government. Occupation for a maximum of 15 days may however be allowed by the Executive Engineer in all Rest Houses except the new Rest House at Cape if no later applicants require accommodation.

5. Occupation for more than 15 days may be allowed with the permission of the Chief Engineer who may grant permission up to 30 days and occupations for periods over 30 days may be allowed with the sanction of Government, if no later applicants require accommodation.

6. Accommodation in Rest Houses may be reserved for Government Officers and other travellers for a period of 3 days at a time on formal application to the Division Officer concerned. For reservations for periods in excess of 3 days, the fee shall be double that of the ordinary fee. Unless intimation to the contrary is given before the commencement of the period for which reservation is sought for, Government officers, on whose request the accommodation was reserved, will be liable to pay the occupation fees due for the period of reservation whether or not they actually occupy the building. The full amount of the occupation fees for the period of reservation should be sent along with the application for reservation from the travellers other than Government Officers. In cases of extensions of reservations the full fee for the extended period should be paid in advance at the commencement of the period of extension. No refund of fees paid will be made except when the reservation applied for is not granted and when for any reason not due to the fault of the occupants they are not allowed occupation for the full period of reservation.

NOTE: "This rule shall not apply to the new Rest House at Cape Como in (The Cape Hotel) for which separate provision is made as per rule 3B."

7. In case there is no Campshed adjoining the Rest House and if the Rest House has more than one suite of rooms, one such suite of rooms may, with the sanction of the Executive Engineer in charge of the Division, be reserved for officers on tour without limit of time.

NOTE:—Rules 4 to 7 above will be subject to the condition that the travellers will have to vacate the bungalows, even during the periods allowed if required to do so by the Executive Engineer.

8. Preparation of meals in advance of definite requisition is left to the discretion of the Butler. But he is expected to provide all possible and reasonable convenience to the travellers.

9. The first applicant is entitled to choice of rooms. He may not however appropriate to himself more than one suite consisting of one bed room, one dressing and one bath room. Should furniture be taken from an unoccupied room it must immediately be replaced when required by other travellers.

10. When accommodation is required by a family, the subordinate in charge will allocate the available accommodation according to the demand.

11. Every occupier of a Rest House on entry is required to write his full name and address in a register kept for the purpose in the Bungalow. He should also sign in the Occupation Book on payment of Bungalow fees. He is expected to obtain from the butler in charge a cash receipt for all payments for catering.

12. A list of crockery and furniture supplied to the Bungalows showing the value of each article is maintained in the Bungalows. The full value of articles damaged or broken by the traveller or his servants shall be recovered from him before he leaves the Bungalow. The amount so paid should be entered in the remarks column of the Occupation Book.

13. Travellers halting in Rest Houses should pay the fees at the end of every third day of their occupation if the occupation extends over three days.

14. No article shall be removed from the Bungalow except under the orders of the Chief Engineer nor shall the Bungalow be occupied by any other than bonafide travellers.

15. A list showing the names and designation of the servants is posted in the Bungalow for the information of travellers.

16. The subordinate in charge is ordered, on pain of punishment, to report any deviation from these rules on the part of the travellers who will also be responsible for the acts of their servants.

17. Vehicles or animals or carts and the animals employed in their draught used as the personal conveyances of travellers occupying Rest Houses will be accommodated free to the extent of one vehicle or animal or cart and one pair of animals when the traveller is in occupation. If the owner of the vehicle, or animal or cart is not in occupation the charge per vehicle, or animal or cart will be half the fee which the owner would have to pay had he been in occupation. Any traveller occupying the Rest House with baggage of tents, commercial vehicles for sale, vehicles loaded with articles intended for sale or advertisement shall in addition to the fee for the occupation of the Rest House pay for each such vehicle or tent, an amount equivalent to what he would have to pay for his occupation of the Rest House subject to the limitation that it should not exceed Re. 1 per day.

RULES FOR THE OCCUPATION OF P. W. D. CAMPSHEDS.

1. The P. W. D. campsheds in the State are primarily intended for the use of Government officers travelling on duty and the officers of the P. W. D. in whose direct charge the buildings are, shall have at all times preferential claim for their occupation. Government officers may therefore occupy these buildings without limit of time and have them, if need be, reserved in advance. Application for reservation should be made in advance to the P. W. D. Division Officer concerned. Unless intimation to the contrary is given before the commencement of the period for which reservation is sought for, the officers on whose request accommodation was reserved will be liable to pay the occupation fees due for the period of reservation, whether or not they actually occupy the building.

2. Subject to the provision in rule (1) other travellers also may occupy campsheds and have them reserved for a period of 3 days at a time on formal application to the P. W. D. Division Officer concerned. For reservations for periods in excess of 3 days, the fee shall be double that of the ordinary fees. The full amount of occupation fees for the period of reservation should be sent along with the application for reservation, and in cases of extensions of reservations, the full fee for the extended period should be paid in advance at the commencement of the period of extension. No refund of fees paid will be made except when the reservation applied for is not granted, and when for any reason not due to the fault of the occupants, they are not allowed occupation for the full period of reservation.

3. Fees for occupation.

(i) *P. W. D. Campsheds other than electrified campsheds.*

	Rs.	As.	Ps.
(a) For each adult for a period of six hours or portion thereof in any one day ...	0	4	0
(b) For each adult for one day or any longer period than six hours in any one day ...	0	8	0

(ii) *Electrified P. W. D. Campsheds.*

(a) For each adult, for a period of six hours or portion thereof in any one day ...	0	8	0
(b) For each adult for one day or any longer period than six hours in any one day ...		0	0

NOTE : i. Members of the same family occupying the same room shall pay only one fee, the word 'family' means a man, his wife and children irrespective of the number or a party of 3 adult members of the same family and the word 'room' means a suite of rooms including dressing and bath rooms.

ii. Only 75 per cent of the above fees will be charged in the case of Government Officers drawing a salary of Re. 150 and above up to Rs. 300 and 50 per cent. only in the case of officers drawing a salary of less than Rs. 150. Government Officers, whenever they occupy a P. W. D. campshed, should note their salary in the occupation register failing which they will have to pay the full occupation fees as per rules.

iii. Travellers other than Government officers shall occupy camp sheds within the premises of Rest Houses only if the adjoining rest House is fully occupied The fee for such travellers shall be at the rate for Rest Houses.

iv Servants travelling by themselves independently of their masters shall not be permitted to occupy P. W. D Campsheds. But if they go in advance of their masters to the campsheds or stay behind for packing and removing *samans*, they may occupy the out houses without payment of fees.

v. When however the masters themselves do not for any reason occupy the bungalow in the course of the day or the night, as the case may be, after the servants begin to occupy the out houses, half the above rate of fees will have to be paid by such servants for every day of their occupation commencing from the time of their arrival with the *samans*.

vi. When parties of persons make a brief halt at the campshed where there is not accommodation for the rooms to be assigned - one room for every two persons the rent would not be person-war but would be room-war at the rate of two persons per room for the number of rooms available in the campshed, the term brief halt meaning not more than three days.

vii. 'Day' means a day of 24 hours counted from the hour of arrival of a traveller.

viii. The list of campsheds is given below.

4. The general rules 4, 5, 7 and note and 9 to 17 of rules for the occupation of Rest Houses shall be applicable in the case of campsheds as well.

LIST OF REST HOUSES.

1. Adur.
2. Alleppey (1st class.)
3. Attingal.
4. Balamore (23¾ mile Nagercoil-Balamore road)
5. Bodimettu (22nd mile Munnar-Bodimettu road).
*6. The Cape Hotel
7. Cape Comorin (1st class).
*8. Colachel.
*9. Devicolam (1st class).
10. Kanjirapalli (23rd mile. Kottayam-Kumili road.)
11. Karamadi (78th mile Trivandrum-Shoranoor canal.)
*12. Kayankulam.
†* 13 Kottayam (1st class)
14. Kottarakara.
15. Kulathupuzha (39½ mile Trivandrum-Shencotta road)
16. Kulaeekaram (8th mile Marthandom-Pachipara road.)

17. Kuzhithura.
18. Maidan Bunglow at Warkalai.
*19. Munnar (1st class)
*20 Munnar (2nd class)
*21. Nagerocil (1st class)
22. Neyyattinkara
23. Oodayagiri (34th mile, Main Southern road.)
24. Pathanapuram (28th mile Kayankulam-Punaloor road.)
25. Peermade (1st class)
26. Peermade (2nd class.)
27. Punalur (28 1/3 mile Quilon-Shencotta road.)
†* 28. Quilon (1st class.)
29. Seethapal (5th mile from Aramboly)
30. Shencotta
31. Shertallai
32 Thadikaranconam (11 1/8 mile Nagercoil-Balamore road)
33. Thekkadi (1 mile from Kumili)
†*34. Trivandrum (1st class)
35. Vaikom

LIST OF P. W. D. CAMPSHEDS.

*1. Alwaye
2. Aramboly
3. Ariyankavu (49 3/4 mile Quilon-Shencotta road)
4. Ayikudi (8th mile Shencotta-Samboorvadakara road)
5. Ayoor (35th mile Main Central road)
6. Chengannur (75⅛th mile Main Central road)
7. Chinnar (37th mile Northern out-let road)
8. Elampallore (8th mile Quilon-Shencotta road)
9. Haripad (33rd mile Quilon-Alleppey road)
10. Kallar (Kottayam Division 33rd mile Cardamom Hill bridle path)
11. Karingal (6 miles from Monday market)
12. Karunagapalli (15 1/2 mile Quilon-Alleppey road)
13. Koothattukulam (119⅛ mile Main Central road)
14. Kothamangalam (7½ miles from Muvattupuzha)
‡* 15. Kottayam
16. Kovilam (8th mile Trivandrum-Kovilam road)
17. Kozhencherry (10th mile Tiruvalla Kozhencherry road)
18. Kunnambhagom (7 miles from Kanjirapalli.)
‡ 19. Kuzhithurai
20. Madathura (31 1/8 mile Trivandrum-Shencotta road)
* 21. Mavelikara
22. Merchiston (34th mile Kallar-Ponmudi road)
23. Mulagumood (3 miles from Thuckalai on the 1st mile Mulagumood-Colachal road)
24. Muvattupuzha
25. Milady (7 miles from Cape Comorin)
*26. Nagercoil
27. Nedumangad (11 3/4 miles Trivandrum Shencotta road.)
28. Neriamangalam (35th mile Alwaye-Munnar road)
29. Nilamel (10th mile Paripalli-Madathura road from 29th mile M. C. road)
30. Oodyagiri (34th mile Main Southern road.)
31. Pachipara (at the Head of the Dam)
32. Pallikkal (5th mile Kayenkulam-Punalore road)
33. Palode (21st mile Trivandrum-Shencotta road)

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* Rest Houses fitted with electric fittings.
† Rest Houses fitted with Telephone connections.

34. Pandalam (67th mile Main Central road)
35. Parassala (19th mile Main Southern road)
36. Paruthipalli (14th mile Pappanamoode-Kottur road)
37. Pathanamthitta
38. Perumbavoor (142⅝ mile Main Central road)
39. Perumpatty (near 8/8 miles Poovanakadavu-Cherukolpuzha road.)
40. Puthenoruz (12th mile Kothamangalam-Perumbankuthu road)
41. Puthukulam (3½ miles Naiarthope road branching right from 8¼ mile Balamore road)
42. Puvar (5 1/8 mile Neyyattinkara-Puvar road)
43. Ranni (24th mile Pathanapuram-Ranni road)
44. Sasthancotta (6th mile Karunagapalli-Sasthancotta road)
45. Thadikarankonam (11th mile Nagorcoil-Balamore road)
46. Thalliar (15th mile Northern outlet road)
*47. Tiruvalla
48. Vaikom
49. Vettoor (Warkala)
50. Vonnikulam (8th mile from Tiruvella)
51. Vidura (25th mile Trivandrum-Ponmudi road)

LIST OF REVENUE CAMPSHEDS.

	Name of Taluk.	*Name of Campshed.*
1.	Meenachil	Pizhaku Campshed.
2.	Muvattupuzha	Mannankandam Do.
3.	Do.	Thattanadu Do.
4.	Do.	Pooyamkutty Do.
5.	Devicolam	Santhampara Do.
6.	Peermade	Vandamottu Do.
7.	Do.	Mlappara Do.

* P. W. D. Campsheds fitted with Electric fittings.
‡ P. W. D. Camp sheds within the premises of rest houses.

RULES FOR THE OCCUPATION OF FOREST BUNGALOWS AND FOREST CAMP-SHEDS.

(*a*) Forest bungalows and Forest camp-sheds are under the immediate charge of the respective Divisional Forest Officers of the Division in which they are situated, but their management is under the control of the Conservator of Forests.

(*b*) No rent or fee is to be paid by officers or subordinates of the Forest Department for the temporary occupation of Forest bungalows or forest camp sheds for periods not exceeding 10 days.

(*c*) Forest bungalows and forest camp-sheds, when not in use by members of the Forest Department, are available, free of charge, for temporary occupation by officers of other departments of grades corresponding to those of the controlling staff of the Forest Department.

(*d*) Forest Officers have, however, the prior right of occupation and all other Government Officers eligible for occupying such bungalows and camp-sheds should obtain permission from the respective Divisional Forest Officers before making use of them except in cases of emergency, when they should not only intimate the fact to the Divisional Forest Officer, but should also vacate the buildings directly they are required by the Forest Officers.

(*e*) The Conservator of Forests may allow a Forest bungalow or forest camp-shed to be used by private individuals, subject to the condition that they should vacate it, if required by a Government Officer on duty. Private individuals so occupying a Forest bungalow or camp-shed will be charged at the following rates for a day or portion of a day of 24 hours :—

	For single person.	*For a family.*
Forest bungalows	12 annas	Rs. 1
Forest camp-sheds.	8 annas	12 annas

(*f*) Half the fee levied for the use of a bungalow will be charged for pitching tents in the compound of the building. An officer occupying a bungalow has a prior claim to the use of the outhouses and stables attached to the bungalows, subject to the condition that they are available without further charge for the use of officers occupying tents in the compound.

(*g*) Rent will be charged only for the days an officer actually stays in a bungalow, camp-shed, or tent in the compound. The date of arrival and despatch of *saman* will not affect the charge.

(*h*) All officers and persons occupying these buildings or premises shall pay the rent due before vacating them.

(*i*) Servants, travelling separately from their masters with horses or luggage, may have accommodation, provided there is room; and they will be charged half rates.

(*j*) The following will be sufficient notice to any occupier to vacate a building under temporary occupation :—

(1) A Gazetted Officer should vacate in favour of another Gazetted Officer on receipt of 24 hours' notice.

(2) A non-gazetted officer should vacate (*a*) in favour of a Gazetted Officer on receipt of 6 hours' notice and (*b*) in favour of another non-gazetted officer on receipt of 24 hours' notice.

(3) A non-official should vacate (*a*) in favour of an official on receipt of 6 hours' notice and (*b*) in favour of another non-official on receipt of 24 hours' notice.

(*k*) The bungalow watchers cannot be expected to cater for the occupiers.

List of Forest Bungalows and Forest camp sheds available for temporary occupation when not in use by the members of the Forest Department.

Serial No.	Forest Division.	Name of the Forest Bungalow or camp-shed.
1	Northern.	Forest Bungalow at Malayatur.
2	"	Do. at Makarachal.
3	"	Do. at Chully.
4	"	Do. at Panamkuzhi.
5	"	Do. at Varapuzha.
6	"	Forest camp shed at Bagavathikulam.
7	"	Do. at Ezhattumugham.
8	Kottayam.	Forest Camp-shed at Valur.
9	"	Do. at Pizhagu.
10	"	Forest Bungalow at Vatticaud.
11	Central	Forest Camp Shad at Vadaaserikara.
12	"	Do. at Rajampara.
13	"	Do. at Perunthanaruvi.
14	"	Do. at Achencoil.
15	"	Do. at Thorai.
16	"	Forest Bungalow at Koni.
17	"	Forest Camp Shed at Naduvathumuzhi.
18	"	Forest Bungalow attached to Vaayapuram Depot.
19	Quilon.	Forest camp-shad at Edaman.
20	"	Do. at Mekkara.
21	"	Do. at Ettapadappu.
22	"	Do. at Kulathupuzha.
23	"	Forest Bungalow at Tanmalai.
24	Southern	Mukkunni Forest Bungalow.
25	"	Forest Bungalow at Suravali.
26	"	Forest camp shad at Kottur.
27	"	Do. at Kannupalli.

LIST OF SATROMS IN THE STATE.

Name of Taluk.	*Name of Satroms, Rest Houses, etc.*	*Whether open to Public or not.*
Tovala ...	Tovala	Open to the public
	Tiruppathisaram	
	Boothapandy	
Agastiswaram ...	Kaniakumari	Open to Hindus only.
	Suchindram	do.
	Ozhuganacherry	Open to the public
Kalkulam ...	Padmanabhapuram	do.
	Thiruvattar	
	Eraniel	
Neyyattinkara ...	Neyyattinkara	do.
Nedumangad ...	Nedumangad	do.
	Palode	
	Vamanapuram	
	Kallar	
Chirayinkil	Warkala	do.
	Olai Satrom	Do. Veterinary hospital also held now.
Quilon ...	Railway Satrom	Open to the public.
Mavelikara ...	Erumakuzhi Satrom	do.
Karunagapalli ...	Vallikavu Satrom	Open to Hindus only
	Maruthoorkulangara Satrom	do.
Pathanapuram ...	Kulathupuzha do.	Open to the public.
Tiruvalla ...	Tiruvalla Satrom	Open to Hindus only.
	Aranmula Satrom	do.
Kottarakara ...	Railway Satrom	Open to the public.
	Pulamon Satrom	Not being used as a Satrom. Now under the Control of the State Transport Department
	Madathura Satrom	Open to the public.
Shertalai ...	Thannirmukkom Satrom	do.
Changanacherry...	Mundakayam Satrom	do.
Kottayam ...	Kottayam Satrom	do.
	Ettumanoor do.	Open to Hindus only.
	Pampady do.	Open to the public.
Vaikom ...	Vaikom do.	Open to Hindus only.
Meenachil ...	Lalom do.	Open to the public.
	Kozha do.	do.
Muvattupuzha ...	Kuthattukulam do.	do.
Thodupuzha ...	Thodupuzha Satrom	do.
	Arakulam do.	do.
Kunnathunad ...	Kaladi Satrom	Open to Hindus only.
Devicolam ...	Devicolam do.	Open to the public.
Peermade ...	Arudai Satrom	do.

LIST OF SATROMS IN THE STATE.—(*contd.*)

Name of Taluk.	*Name of Satroms, Rest Houses, etc.,*	*Whether open to Public or not.*
Under the control of the Corporation of Trivandrum.		
Trivandrum ...	Sachivottama Sir C. P. Ramaswami Aiyar Shashtiabdapurthi Memorial Satrom.	Open to bonafide travellers and visitors to the city.
	Corporation Rest House	Do.
Under the control of the P. W. Department.		
Agastisvaram	Cape Satrom.	Open to the public.
Vilavankod	Kuzhithurai Satrom.	Open to Hindus only.
Devicolam	Mannarpetty Satrom at Marayoor.	Open to the public.

MOTOR TRAFFIC.

The law governing motor vehicles in the State is contained in the Travancore Motor Vehicles Act of 1117 and the rules passed thereunder. The following relevant sections of the Act relate to motor vehicles registered outside the State and entering the State.

Effectiveness in Travancore of registration.

Section 27 (1) Subject to the provisions of sub-section (1) of Section 22 and sub-section (2) and sub-section (3) of this section, a motor vehicle registered by a competent authority in British India or in any Indian State or in the French or Portuguese Settlements bounded by India shall not require to be registered in Travancore :

Provided that there is in force in respect of the vehicle a certificate conforming to and containing substantially the same particulars as the certificate of registration in Form G as set forth in the First Schedule issued by such competent authority in respect of such vehicle :

Provided further that in the opinion of a prescribed authority no such motor vehicle is in such a condition that its use in a public place would constitute a danger to the public.

(2) A certificate complying with the requirements of the provisos to sub-section (1) shall be effective throughout Travancore as if it were a certificate of registration issued under this Act.

(3) Sub-section (1) shall not apply to any motor vehicle previously registered in Travancore, if the certificate of registration of the vehicle in Travancore is for the time being suspended or cancelled for any reason other than that of permanent removal of the vehicle from Travancore.

(4) If at any time Our Government are satisfied that motor vehicles registered in Travancore under this Act are not permitted to be driven in British India or in any Indian State or French or Portuguese Settlement without fresh registration in such territory, State or Settlement, or are permitted to be driven only subject to unreasonable conditions or that like conditions and requirements to those imposed under this Act (including the specification of the particulars required by Form G as set forth in the First Schedule) are not imposed in a reasonable degree upon the issue and for the continued effectiveness of certificates of registration in any territory, State or Settlement as aforesaid Our Government may, by notification in Our Government Gazette, declare that certificates of registration generally or in respect of any particular class of motor vehicle issued in any such territory, State or Settlement shall not be effective in Travancore.

Registration where to be made.

Section 22, (1) Subject to the provisions of Section 24, every owner of a motor vehicle shall cause the vehicle to be registered by the registering authority,

Temporary registration.

Section 24 (1) Notwithstanding anything contained in Section 22, the owner of a motor vehicle may apply to the registering authority to have the vehicle temporarily registered in the prescribed manner and for the issue in the prescribed manner of a temporary certificate of registration and a temporary registration mark.

(2) A registration made under this section shall be valid only for a period not exceeding one month, and shall not be renewable.

Number of motor vehicles registered till the end of 1117	...	7,603
Number of taxis registered till the end of 1117	...	445
Number of driving licenses issued during the year 1117	...	3,730

INLAND NAVIGATION IN THE STATE.

The main backwater route in the State is the Trivandrum-Shoranur canal from Trivandrum to northern limits of Travancore about 148 miles in length.

The administration of the above backwater routes in the State is governed by the Travancore Public Canals and Public Ferries Act VI of 1096, and the rules framed thereunder. The working of the above Act and the Rules and the control and regulation of traffic in the public canals devolve on the officers of the P.W.D., the Chief Engineer being the controlling officer. The Assistant Engineers, Sub-Engineers, Supervisors, Overseers and Lock-superintendents are *ex-officio* Canal Officers working under the respective Executive Engineers, Alwaye, Kottayam, Quilon and Trivandrum; and they are empowered to regulate and control traffic and to stop any vessel from navigating etc. The licensing and

registering of vessels are being attended to by the Canal Supervisors at Trivandrum, Quilon, Kayankulam, Alleppey, Vaikom, Shertala and Parur and by the special overssers appointed for the work year after year temporarily, and also the Lock-Superintendent, Thottapalli.

As per the provisions in the above Act and Rules, every steam or motor boat, country crafts or *vallams* and rafts navigating in the above public canals in the State except —

1. Vessels belonging to the Palace and the Travancore Government;
2. Vessels that have been licensed or registered in Malabar under the provisions of the Madras Act II of 1890;
3. Vessels licensed or registered in Cochin under the Cochin Act I of 1092 as amended by Act X of 1095;
4. Vessels belonging to the British Government; and
5. Vessels less than one ton registered tonnage,

have to be registered or licensed. In the case of vessels registered or licensed in Cochin or Malabar, they will be exempted from licensing in this State, if the owners of those vessels reside or have their principal place of business in those Districts and if they do not ply for service exclusively within Travancore limits. Vessels plying for public passenger or goods service or for purpose of trade have to be licensed annually, while vessels, other than steam vessels, intended for the personal use of the owners and not plying for hire, need be registered only once so long as the person in whose name it has been registered continues to be the owner. The fees for licensing and registering the different kinds of vessels are as follows :—

		Bh.Rs.	As.	P.
1.	Steam or motor boats per ton of registered tonnage ...	8	0	0
2.	Other vessels per ton of registered tonnage..	1	0	0
3.	Rafts of timber and bamboos per 100 square feet or fraction thereof ...	0	4	0
4.	Rafts of bamboos Do. ...	0	2	0
	Registration fees.			
1.	Steam and motor boats intended for personal use ...	40	0	0
2.	Vessels other than steam or motor boats intended for personal use ...	2	0	0

The licenses of steam vessels and country craft are current for one year, while the licenses of rafts are current only for 6 weeks.

The steam vessels navigating in the waters in the State have to be subjected to half-yearly inspections by the Superintendent, Workshops and Stores Division, or the Assistant to the Superintendent, Workshops and Chief Inspector of Boilers and the Principal Port Officer, the former regarding the fitness of the engine, etc., of the boats for service and the latter regarding the sea-worthinss, stability and equipment of the vessels. After inspection, these officers issue certificates certifying that the vessels are fit for service

for 6 months. These certificates are issued twice annually, *viz.*, for the first and second half-years from the 1st Chingom and from the 1st Kumbhom. The fees for the half-yearly inspections of steam vessels are as follows:—

		Rs.	A.	P.
1.	For vessels of less than 10 tons	12	8	0
2.	For Vessels of 10 tons and above up to 25 tons	15	0	0
3.	Do. 25 tons and above up to 50 tons	20	0	0
4.	Do. 50 tons and above up to 100 tons	25	0	0
5.	Do. 100 tons and above up to 200 tons	40	0	0
6.	Do. 200 tons and above up to 400 tons	50	0	0
7.	Do. 400 tons and above up to 800 tons	60	0	0

N. B.—For special inspection, *i. e.*, other than the half-yearly, double the rates prescribed above are charged.

The licenses of steam vessels will be issued only on production of these certificates of inspection and the license will be in force only for the period for which the certificate holds good. Although the licenses for steam vessels have force for one year, they will cease to be current when the period of the inspection certificate expires; and unless the boat is subjected to inspection again and a fresh certificate is obtained, the license will not have force and the vessels should not be navigated.

All steam vessels used for service should be manned by the required competent crew, *viz.*, Master, Driver and Syrang, who have undergone the necessary examination and obtained certificates of competency from the Chief Engineer. The examination of boat crew is conducted by the Superintendent, Workshops and Stores Division, once in six months at Alleppey, Quilon and Trivandrum. The fees for the examination are Rs. 10 for Master, Rs. 7 for Driver and Rs. 5 for Syrang. The certificates of competency of boat crew are liable to suspension or cancellation by the Chief Engineer for misconduct or default in the discharge of duties. The owners of motor boats wishing to drive them personally and solely for their personal use are not required to take out a Driver's competency certificate.

Steam vessels intended for plying for hire have, in addition to the licenses, to obtain timings, similar to the permits in the Case of stage carriages from the Executive Engineer for plying for service between the different places, fixing the hour of departure from the starting station and the hour of arrival at the terminal station, before putting the vessels into service. The timings granted are published in the Gazette. A timing once granted will not ordinarily be altered for six months. The boats are required to adhere strictly to the timings; and any timing not utilised for 3 days consecutively or utilised for less than 25 days in a calendar month is liable to be cancelled, unless such failure is caused by unavoidable circumstances explained to the satisfaction of the officers concerned.

Copies of timings will be posted in vessels and at the different jetties.

Steam vessels intended for public passenger service are required to touch the jetties or wharves on the route. Jetty Maistries are appointed at these jetties to control and regulate the traffic at the jetty and to see that the boats conform to the rules in the matter of number of passengers, cargo carried, time of arrival, etc. Vessels are prohibited from embarking or disembarking passengers from places other than recognised jetties. While issuing certificates of inspection of boats, the number of passengers or quantity of goods each vessel is considered fit to carry is fixed; and any overloading is liable to punishment.

There are no rates of fares authorised or prescribed by Government. Owners of vessels wishing to run their boats for passenger service prescribe a list of fares for the several classes between the terminal and each of the intermediate stations and submit it to the Executive Engineer. The fares charged for the same route by different boat owners therefore differ. But no boat owner shall collect fees in excess of the fees prescribed by him. Any intention of an owner to change the rates of fares once fixed should be intimated to the Executive Engineer seven days in advance.

A statement showing the different routes in which public passenger steam vessels ply is given at the end of this note.

The number of country crafts licensed to end of 1117 M. E. is 11,490 approximately. In this year the vallam owners were allowed to take out licenses on instalment payment system, the first instalment being payable on the 15th Vrischigam and the second instalment on 15th Edavom.

The administration of canals in Cochin and British India is governed by Acts and Rules of the respective Governments similar to those in Travancore. The backwaters of Travancore, Cochin and Malabar are inter-connected and there is considerable commercial intercourse among these States. There is therefore a mutual understanding recognised by the three States that the vessels registered or licensed in one State should not be registered or licensed in the other States, subject to the conditions (1) that the vessels shall be registered or licensed in the State in which the owners reside or in which they have their principal place of business if they reside in more than one area and (2) that the vessels do not ply for service exclusively within the limits of one territory in which case they shall be licensed in that State. There is also another mutual understanding that vessels which have to be licensed in one State as per the above principle shall be allowed to ply in the waters in the other States during the first month of the year even if they do not possess the licenses or registration certificates for that year, in order that those vessels may be allowed one month's time to take out licenses or registration certificates from the State to which they belong. The inspection certificates of one State as to the fitness of boats are also recognised by the other States. The punishments inflicted on the boats or boat crew by any one State are also enforced in the other States.

Ferries.

The total number of ferries maintained in the State at Government cost is 330, of which 69 are in Alwaye Division, 98 in Kottayam Division, 126 in Quilon Division, 32 in Trivandrum Division and 5 in Nagercoil Division. Of these, at the following 43 places, *junghars* are provided for the transport of cars.

ALWAYE DIVISION.

1. Chiranallur crossing in Kotbamangalam Pakuthy of Kunnatnad taluk.
2. Thannipuzha crossing
3. Periyar crossing (right branch of Do.)
4. Kuzhikandam crossing
5. Kumbanad crossing
6. Choodanthuruthu crossing
7. Cheriyapally crossing
8. Murinjapuzha crossing
9. Poothotta crossing
10. Thattakad crossing
11. Piravom crossing
12. Kalampur crossing
13. Chalakkalthodu crossing

KOTTAYAM DIVISION.

1. Mallappally crossing
2. Pulikeezhu crossing
3. Lalam crossing
4. Mutholi crossing
5. Aroor Mukkom crossing —This is maintained at the cost of Travancore and Cochin Governments.
6. Chenganda crossing
7. Erattupettah crossing
8. Kudamaloor crossing

QUILON DIVISION.

1. Kottayathukadavu
2. Kallukadavu
3. Vadasserikara ferry
4. Ranni crossing
5. Cherukolepuzha crossing
6. Kozhencherry ferry
7. Perinad crossing
8. Kumbazha crossing
9. Kaipattur crossing
10. Kozhipalam crossing
11. Kollakadavu crossing
12. Arattukadavu crossing
13. Pannaikadavu crossing
14. Kolkal crossing
15. Kunnathur ferry
16. Muttathu crossing
17. Rockwood crossing
18. Arattupuzha ferry
19. Valiaperumpuzha crossing
20. Arattukadavu crossing
21. Ittynayarkadavu crossing

TRIVANDRUM DIVISION.

Poovar crossing.

Water-routes.

1 The Kadinamkulam lake with its branches to Kaniapuram and Chirayinkil.
2 The Anjengo lake with all its branches and arms.
3 The Edava and Paravoor lakes with all their branches.
4 The Ashtamudi lake with all its branches.
5 The Ponmana lake with all its branches including the one leading to Karunagapally.
6 The Kayenkulam lake and the canals branching therefrom.
7 The Karipuzha and Danapadical canals.
8 The Alleppey canals and their branches including those leading to Ambalapuzha.
9 The Kottayam Canal from Vembanad lake to the Division Cutcherry landing including the Kodur river and the canel to the Market landing, Kottayam.
10 Alleppey to Changanacherry canal.

11 Vaikom canal from Vaikom to Kottayam.
12 The Vembanad lake with all its branchss and arms within Travancore.
13 The Parur backwater and its branches.
14 The Parur canal and its branches.
15 Canal from Parur Court to Manjali canal.
16 Manjali canal to Parur.
17 Varapuzha canal.
18 Cheriyapally canal.
19 Annanadai canal.
20 Chakrakadavu canal.
21 Manambu lake and its branches.
22 Water route from Mannar to Karumadi.
23 Alleppey to Pulikeel canal.
24 Athirampuzha canal,
25 Alleppey to Chathankari *via* Pulinkunnu.
26 Alleppey to Thalavadi line.
27 Kallada river from Arinallur to Muthiraparambu.

SECTION VII.

Miscellaneous

Value of Trade in the Sea Customs Houses in Travancore for each of the ten years from 1107—1116.

Years.	Value.			
	Alleppey Sea Customs.		All the Ports.	
	Exports Bh. Rs.	Imports. Bh. Rs.	Exports. Bh. Rs.	Imports. Bh. Rs.
1107 .	2,61,52,384	99,41,521	2,75,60,606	1,30,18,936
1108 .	2,68,88,158	86,81,294	2,79,58,145	1,21,40,069
1109 .	2,08,51,959	70,54,702	2,24,19,239	1,15,42,361
1110 .	1,88,83,717	86,76,977	2,17,25,828	1,60,89,316
1111 .	2,07,88,134	88,83,171	2,35,30,394	1,70,96,575
1112 .	2,09,54,919	64,15,277	2,47,93,602	1,31,49,096
1113 .	1,93,09,619	79,39,916	2,28,22,159	1,64,03,354
1114 .	2,00,31,137	62,69,475	2,41,27,585	1,50,95,302
1115 .	1,83,55,395	52,66,399	2,10,72,706	1,57,88,535
1116 .	92,54,238	25,26,959	1,14,05,048	1,09,52,817

Abbreviated Addresses of the Officers of the Government of Travancore.

Abbreviated address.	Full address of the Officer.
Accounts	Accountant-General, Travancore State, Trivandrum.
Anchal	Anchal Superintendent, Travancore State, Trivandrum.
Anchalin	Anchal Inspector, All offices in Travancore State.
Agriculture	The Director of Agriculture, Travancore State, Trivandrum.
Aqua	Division Officer, Trivandrum Water Works Division, Travancore State, Trivandrum.
Cheeretary	Chief Secretary to Government, Travancore State, Trivandrum.
Co-operation	Registrar of Co-operative Societies, Travancore State, Trivandrum.
Dewan	The Dewan of Travancore State, Trivandrum.
Devaswoms	The Devaswom Commissioner, Travancore State, Trivandrum.
Dindustry	The Director of Industries, Travancore State, Trivandrum.
Dirhealth	The Director of Public Health, Travancore State, Trivandrum.
Distrate	District Magistrate, Travancore State, Trivandrum Quilon and Kottayam
Diatrate Thuckalay	Additional District Magistrate, Padmanabhapuram, Thuckalay.
Drangineer	The Executive Engineer, Drainage Division, Trivandrum.
Dnx	Chief Engineer, P. W. D., Travancore State at all Telegraph offices.
Education	The Director of Public Instruction, Travancore State, Trivandrum.
Elenger Trivandrum	Electrical Engineer, Travancore State, Trivandrum
Excise	The Excise Commissioner, Travancore State, Trivandrum
Foresta	The Conservator of Forests, Travancore State, Trivandrum.
Garmuzoo	Superintendent, Government Museum and Public Gardens, Travancore State, Trivandrum.
Guests	State Guest Department, Travancore State, Trivandrum.
Hqarmy	Commandant, State Forces, Travancore State, Trivandrum.
Justice	Chief Justice, High Court of Travancore State, Trivandrum.
Milk	The Government Dairy Farm Superintendent, Headquarters Poojapura, Trivandrum.
Opera	Division Officer, P. W. D., Travancore State, Alwaye, Kottayam, Nagercoil, Quilon and Trivandrum.
Pegasus	Kariakar, H. H. The Maharaja's Garage and Stables, Trivandrum.
Police	Inspector-General of Police, Travancore State, Trivandrum.

Abbreviated address.	Full address of the Officer.
Registration	Director of Registration, Travancore State, Trivandrum.
Secstore	The Secretary, Stores Purchase Committee, Trivandrum.
Trade agency, Bombay	Travancore Trade Agency, Bombay.
Workshops	Officer in charge, P. W. D. Workshops, Travancore State, Trivandrum.
Wadiage	Water Works and Drainage Engineer to the Government, Travancore State, Trivandrum.

RULES REGARDING EXAMINATION AT CUSTOMS HOUSES AND PREVENTIVE STATIONS.

No carts, cars, boats or other conveyances carrying passengers or goods, and no passengers travelling on foot shall enter or leave Travancore unless they are examined at the frontier, and allowed to proceed, by duly appointed officers of customs.

Conveyances containing only passengers and their luggage, conveyances not loaded with goods of any kind, and passengers on foot, will be examined and passed at the Preventive Stations or Customs Houses, as the case may be, situated on their direct route; but in the case of conveyances loaded with goods of any kind, the examination will be done only at the Customs House and persons in charge of such conveyances shall take them to such Customs House to be examined and passed.

Such persons shall give true particulars of the goods conveyed by delivering to the officer in charge of the Customs House an export or an import manifest, as the case may be, in such form and containing such particulars as the Controlling Officer of Customs may prescribe and shall also subscribe a declaration of the truth of such particulars at the foot of such manifest. Such persons shall also afford all facilities for the Customs Officer to examine the goods.

In token of such examination, a ticket will be issued to each conveyance and it shall be produced at the nearest Preventive Station. If no such ticket is produced, the conveyance will be turned back to the Customs House for the necessary examination.

In the case of luggage accompanying passengers of whose social standing there is obviously no doubt, a regular examination of the contents of such packages or bundles may be dispensed with at the discretion of the officer conducting the examination if such passengers make a declaration in writing and sign it before such officer that they carry no dutiable or prohibited articles. No passenger can claim this procedure as a matter of right. Nothing in this rule shall prevent the officer from examining the luggage after such declaration if such officer deems it necessary to do so.

Owners of articles, whether subject to customs duty or not, shall also give such further particulars regarding the goods and also produce any invoice, broker's note, policy of insurance or other document which it is in their power to furnish as may be required by the Customs Officer. The goods shall not be removed unless such information is furnished or the document required is produced.

In the case of boats, carts, etc., loaded with goods arriving at a Customs House after sunset they shall be examined and passed the next morning except in the case of conveyances containing only vegetables and other perishable articles which may be examined and passed at night. In the case of conveyances containing other goods along with vegetables or other perishable articles, the officer in charge of the Customs House shall examine and pass them at his discretion.

Conveyances carrying goods on which duty has been levied at the Customs House shall proceed forthwith to their destination and shall not halt at any place between the Customs House and the frontier.

List of Chowkeys and Customs Houses.

1. Aramboly.
2. Punnacolam.
3. Anjugramom.
4. Colachel Sea Customs.
5. Trivandrum Sea Customs.
6. Do. Railway Customs.
7. Pettah. Do.
8. Kazhakuttom
9. Veli. Do.
10. Kaniapuram. ,,
11. Murukumpuzha. ,,
12. Chirayinkil. ,,
13. Kadakavoor. ,,
14. Akathumury. ,,
15. Varkala. ,,
16. Edava. ,,
17. Kappil. ,,
18. Gundar. ,,
19. Elathoor. ,,
20. Ayikudi. ,,
21. Samboorvadakara. ,,
22. Shencotta. ,,
23. Atchencoil. ,,
24. Bhagavathipuram. ,,
25. Ariencavoo. ,,
26. Thenmala. ,,
27. Edamon. ,,
28. Punalore. ,,
29. Kunnikodo ,,
30. Kottarakara. ,,
31. Ezhucone. ,,
32. Kundara. ,,
33. Kilikolloor. ,,
34. Quilon Land Entrance.
35. Quilon Backwater.
36. Quilon Sea Customs.
37. Paravoor Sea Customs.
38. Mayyanad Railway Customs.
39. Paravur Railway Customs.
40. Alleppey Sea Customs.
41. Arukutty.
42. Veluthully.
43. Kandanad.
44. Mukkom.
45. Anthakarazhi.
46. Udayamperur.
47. Kumili.
48. Chellarkoil.
49. Bodi.
50. Chinnar.
51. Ramakkal.
52. Karinkolam.
53. Thevaram.
54. Patinettampadi.
55. Cumbum.
56. Vettical.
57. Popathipara.
58. Bhagavathikotta.
59. Edapalli (Palarivattom).
60. Chathanad.
61. Varapuzha.
62. Munambum.
63. Mamalai.
64. Parur Thottumukhom.
65. Puthen Chungom.
66. Vallam.
67. Alwaye Railway Customs.
68. Puthenchira.
69. Ankamali Railway Customs.
70. Karukutty Railway Customs.
71. Kuriyapilly.
72. Alwaye Thottumukhom.
73. Karukutty Frontier.
74. Edapalli Railway Customs.
75. Kaval Customs.
76. Mirankadavu.
77. Aerodrome Customs, Chackay, Trivandrum.
78. Utchilikuthy.
79. Kuthirapanchan.
80. Sivagirimettu.
81. Vellottumpuram.
82. Kalady.
83. Vattakunnu.
84. Chitrapuzha.

TRAVANCORE PORTS.

ALLEPPEY.

The Port of Alleppey, the principal port in the State of Travancore, is situated on the West Coast of India in Lat. 9·30 N. Long. 76·19·40 E. (Light House) and is open to coastal and foreign trade, the latter dating back to the latter part of the 18th century.

As a Sea Port, Alleppey owed its great importance to a mud-bed off the coast which rendered the sea smooth for shipping operations practically throughout the year. The approaches to the Port are free from any outlying danger.

There is a good white revolving cata-dioptric first order light, the apparatus of which consists of nine metallic reflectors, each having a dioptic lens in front, arranged in groups of three. The light from each group when viewed at a distance gives a single beam showing one flash in every forty seconds (or three flashes in one revolution of 120 seconds). The light is exhibited from sunset to sunrise, the height of the centre lantern being 113 feet above high water, and the range of visibility is 16 miles.

Notice to Mariners.

ALLEPPEY ANCHORAGE.

The anchorage offers good holding ground to steamers of all sizes, and vessels anchoring in the Alleppey Roadstead should take up a berth southwards of the Pier with the lighthouse bearing from N E. to E. N. E., and as close to the shore as possible in order to obtain a quick despatch.

The bottom shoals gradually and the depth of water in which to anchor should be decided according to the soundings obtained. Usually, steamers anchor much too far off shore and without due consideration being given to the set of the current or force of the wind.

The littoral current, close in shore, sets to the southward, sometimes as strongly as two knots when a strong sea breeze is blowing together with a flood tide, making it very difficult for cargo boats to fetch steamers anchored in the roads. Occasionally, a return set to the northward is experienced, but it is usually very feeble, and occurs during the months October to February inclusive. The southerly set during this period is also feeble. During March and April, the sea breeze blows strongly in the afternoon, and consequently steamers loading should anchor well to the south.

The prevailing winds are from the W. N. W.

Steamers with cargo to discharge should anchor close to and to the southward of steamers taking in cargo so that empty cargo boats from the latter may be able to fetch them. Non-coasting steamers are usually taking in cargoes

During strong winds, a careful look-out should be kept on cargo boats leaving the shore, and should they not be able to fetch a steamer, she should shift her berth further southward.

If the above directions are followed, it will seldom be necessary for steamers to shift their anchorage.

A mud bed forms occasionally in the vicinity of the Port stretching along the coast for a few miles which gives perfectly smooth water; caution is therefore necessary in approaching the shore.

The anchorage has recently been surveyed by H. M. I. S. "PALINURUS" of the Survey Department, Government of India.

Shipping operations can be carried on throughout the year, as, during the S. W. Monsoon, shelter is usually afforded by the mud-bed.

There is a Pier 985 feet long, (excluding the abutment of 278 ft.) fitted with Two Steam Cranes and Two Hand Cranes, besides eight Cargo Stages for handling bag cargo and such like. The largest crane lifts up to 5 Tons.

Grab Dredger 'Setu Parvati' provided by Government and working under directions of the Principal Port Officer is engaged in the regular removal of sand from alongside the pier to keep the sea clear for Cargo boats to work. To expedite Cargo work and to facilitate the despatch of Steamers at the Port there is the Tug 'Alleppey' purchased by the Alleppey Shipping and Landing Fees Committee and working under the control of the Principal Port Officer.

There is a large Godown accommodation and a canal system connects the inland backwaters with the Port.

PORT LIMITS :—

On the North, by a line drawn west from the north boundary pillar to 7 fathoms of water.

On the South, by a line drawn from the south boundary pillar south-west to 5 fathoms of water and thence west into 7 fathoms.

On the West, by a line running north and south and joining the northern and southern boundary lines.

On the East, by the beach road from the north boundary pillar to a stone on the beach road 220 feet east of the south boundary pillar.

ORGANISATION AND PRACTICES. The Port is under the charge of the Principal Port Officer of the Marine Department, Travancore.

The procedure for the Entry and Clearance of vessels is the same as for Ports in British India.

METHODS FOR HANDLING CARGO. There are about 25 Cargo Boats having an average capacity of 30 Reg. Tons each. These boats convey cargo to and from ships and Pier and are discharged and loaded by Steam and Hand Crans and also fixed Stages

Approximately 800 Tons general cargo can be worked from Pier during day and about 1300 Tons during day and night work.

There is a Signal Station at the beach. Vessels can communicate throughout the day by Flags during day time and by morse light during night

Alleppey is in direct and easy communication with the principal towns of the British India.

CHARGES. No charges against ships other than Port Dues which is 9 pies per registered ton.

LANDING AND SHIPPING DUES. On ordinary cargo one anna per candy.

GODOWN RENT.—Free for the 1st week and then anna one per week per ton of 40 c. ft.

WAGES. Annas 12 to Re. 1 per day. (Stevedore.)

WHARF COOLIES' WAGES. From annas 8 to Re. 1 per day.

PROVISIONS Ordinary. Obtainable and cheap.

COMMUNICATIONS. Steamers to and from Europe, America, China and other Eastern Ports also Australia call at the Port in addition to the usual coasting steamers.

The Port has canal and backwater communications to the surrounding country and the coast from Calicut on the north to Trivandrum, on the south and also good roads for motor transport throughout the State.

PRINCIPAL IMPORTS. Rice, paddy, piece-goods, machinery, hardware, oil man stores, cement, metals, European Manufactured goods, Jaffna Tobacco, Salt, etc.

PRINCIPAL EXPORTS. Coir Yarn, Mats and Matting, Coir Fibre, Coir Rope, Tea, Cocoanut Oil, Rubber, Pepper, Copra, Oil Cake, Ginger, Prawns, Mineral sands etc.

QUILON.

Quilon, the 'Coilum' of Marco Polo, has been a trading centre from very early times. It is connected with Alleppey by backwater as well as road and is on the Shencottah-Quilon-Trivandrum branch of the S. . R. constructed at the cost of the Travancore Government.

The port is an open Roadstead situated off a bight in the coast formed by the Tangachorry Point projecting slightly beyond the coast-line. During the fine weather period from September, till May, vessels can anchor in the inner anchorage in 4 1/2 to 5 fathoms of water 4/10 of a mile off the shore. The channel is marked by two buoys during this period. Another buoy is placed to mark the position of the 'Gamaria Rock'. Steamers entering should keep the chimney of Messrs Harrisons and Crosfield factory slightly open to the south of the flagstaff. When in one the flagstaff bears N 45 1/2° E Mag. and leads over the 4 1/4 fathom patch in the entrance channel.

The anchorage has recently been surveyed by H. M. I. S. "Investigator."

A red light is exhibited, near the flagstaff on a wooden platform, visible 5 miles in clear weather.

The chief industry is tile and cashewnut manufacture.

Principal Exports are cocoanut oil, coir mats, timber, fish, ilmenite and monazite.

The total tonnage of vessels calling at the Port averages 80,000.

PORT LIMITS :—

On the North, a line drawn west-south-west from the north boundary pillar until the Tangassery light house bears north.

On the South, a line drawn west-south-west from the south boundary pillar until the Tangassery light house bears north.

On the East, so much of the foreshore as lies between the north and south boundary pillars and within 50 yards of high water mark.

On the West, a line cutting the north and south boundary lines and with the Tangassery light house bearing north.

TRIVANDRUM.

The port is at Valiathurai about one mile from the town. It is an open roadstead with deep water close to the shore. Steamers generally anchor 4/10 of a mile off shore on a bearing west from the pier. The five fathoms depth line is about 300 ft. off the end of the Pier, but steamers anchor in 12 1/4 fathoms which is 4/10 of a mile off shore as stated. It is a port of call for coasting as well as foreign steamers and the aggregate tonnage of vessels calling at the Port averages about 300,000.

It has a Pier for the landing and shipment of cargo, 750 feet in length fitted with Two Steam Cranes.

There is a large godown accommodation. There are three open godowns for the storage of cargo measuring each 80'×40', and one closed godown. More godowns are to be shortly erected.

Godown rent—Free for the first five clear days only excluding intervening holidays. For imported goods after 5 days four times the normal rates.

Normal rates.—Annas 6 per 100 bags of Rice or Paddy, per week. General cargo.—Anna one per ton of 40 c. ft. per week.

A Red Light is exhibited from the end of the Pier during the shipping season, visible five miles in clear weather.

PORT LIMITS :—

On the North, by a line drawn south-west from the north boundary pillar to 10 fathoms of water.

On the South, by a line drawn south-west from the south boundary pillar to 10 fathoms of water.

On the West, by a line running north-west and south-east and joining the north and south boundary lines in 10 fathoms of water.

On the East, so much of the foreshore between the north and south boundary pillars as lies within 50 yards of high water mark and included within the port boundary stones, also the area of land enclosed by a line running from the boundary stone north of the pier to a stone south of the St. Anthony's Roman Catholic Church, thence south-westerly to the stone south-east of the salt bankshall, thence to the boundary stone on the foreshore.

COLACHEL

Colachel is the southernmost Port in the State. There is a group of outlying rocks in front of the town which form a partial breakwater under the shelter of which landing and shipping operations are carried on.

Coasting steamers generally and foreign steamers occasionally call at this Port and anchor 4/10 of a mile off the shore with the Port Pillar (Black and White) bearing North and the Pit-Un-Ni-rock bearing West.

A Red Light is exhibited from the base of the flagstaff on a mound situated to the West of the town, visible five miles in clear weather.

Foreign Steamers call to load Monazite, Ilmenite, Zircon, Palmyra Fibre etc.

The aggregate tonnage of vessels calling at the Port averages about 150,000.

PORT LIMITS :—

On the North, by a line drawn south-west from the north boundary pillar to 9 fathoms of water.

On the South, by a line drawn south from the south boundary pillar to 9 fathoms of water.

On the West, by a line running west-north-west and east-south-east joining the north and south boundary lines in 9 fathoms.

On the East, so much of the foreshore between the north and south boundary pillars as lies within 50 yards of high water mark and included within the port boundary stones.

SUB PORT OF COLACHEL.

For the purpose of shipping monazite, ilmenite and Zircon sand to the port of Colachel and for no other purpose.

On the North, by a line drawn from a point 50 yards from High water mark and 2½ furlongs north-west of the survey post erected on the foreshore extending south-west to seven fathoms of water.

On the South, by a line drawn from a point 50 yards from High water mark and 2½ furlongs south-east of the survey post erected on the foreshore extending south-west to seven fathoms of water.

On the East, so much of the foreshore as lies within 50 yards of High water mark and 2½ furlongs north-west and south-east of the survey post erected on the foreshore 50 yards from High water mark.

On the West, by a line running north-west and south-east joining the north and south boundary lines in seven fathoms of water.

KOILTHOTTAM.

In order to facilitate the shipping of Monazite, Ilmenite etc., Koilthottam, about ten miles north of Quilon, has been declared a Port for the shipment of mineral sands only.

PORT LIMITS :—

On the North, by a line drawn west from a point one mile north of Messrs. F. X. Pereira & Sons factory and 50 yards from High water mark to 8 fathoms of water.

On the South, by a line drawn west from the north boundary pillar of Neendakara Port to 8 fathoms of water.

On the West, by a line running north and south joining the north boundary and south boundary lines in 8 fathoms of water.

On the East, so much of the foreshore as lies between the north and south boundary lines as lies within 50 yards of high water mark.

MANAKUDY.

To facilitate the shipment of salt from the salt factories and for the landing and shipment of empty bags intended for or used in the transport of salt, the sea shore south of the Manakudy Lake and between the East Manakudy and West Manakudy Roman Catholic Churches has been declared a Port.

CADIAPATANAM.

The foreshore in front of the factories of the Travancore Minerals Co., Muttom and of Messrs. Hopkin and Williams, (Travancore) Ltd., Colachel, has been declared a Port for shipment of Monazite, Ilmenite and Zircon sand (to Colachel Port only).

MUNAMBOM.

The jetty in front of Munambom Chowkey and 50 yards of the river bank on either side of it has been declared a port for landing of salt on behalf of Government, and for the shipment of empty gunnies used in the import of salt.

KOVALAM.

The foreshore in front of the Kovalam Salt Factory (S. C. T. M. Salt Factory, near Cape Comorin) has been declared a port for shipment of salt from the said factory and for the landing and shipment of empty bags intended for or used in the transport of salt.

NOTARIES PUBLIC.

The Customs Officers who are also Port Conservators in charge of the Port Offices at Trivandrum, Quilon and Colachel, (as per Government Notification No. S. R 651 dated 10th March 1919) are appointed Public Notaries, at the respective ports, with powers to exercise the duties of a *Notary Public in respect of Marine Matters only*; viz:

(1) to note and extend Marine Protests (Protests of Captains of Vessels, boatmen and others connected with shipping)

(*a*) protests in consequence of total wreck;

(*b*) protests in consequence of loss or damage caused to a ship or cargo boat by collision or storm, etc.

(*c*) protests relating to apprehended or actual loss or damage to cargo on board;

(2) to issue certificates of the due execution and acknowledgment of surveys held in cargoes and vessels; and

(3) to attest solemn declarations made by persons concerned with similar matters.

They are also empowered to levy fees as per schedule hereto annexed.

SCHEDULE OF FEES.

I. Marine Protests.

Fees to be realised.	*Disposal of the amount.*
B. Rs. 5 only for each marine Protest.	Half the amount (Rs. 2½ or Rs. 1 1/4 as the case may be) to the Notary Public 1/4 to meet the contingency charges and to the Clerk. 1/4 to be credited to Government under XIV (g) Administration of Justice, Notary Public Fees.
Half the above *i. e.*, Rs. 2-8-0 for each duplicate copy.	

True copies—No fees.

N. B.—Protests of Captains of Steamers to be recorded on Half Rupee Travancore Government Stamp paper.

Protests of Boatmen for loss or damage to Cargo on one Rupee Stamp Paper.

True copies may be issued on half Rupee Stamp Paper.

Stamp paper to be supplied by the Protestor.

II. Survey Fees.

1. Rice, Paddy, Cereals, Copra and Poonac.

   Quality Survey. Rs. 2 per 100 bags or part thereof with a minimum fee of Rs. 5.

   Damage Survey. 2 annas per bag with a minimum fee of Rs. 5

   Check weighing. Ten per cent of the consignment. 3 ps. per package with a minimum fee of Rs. 5

2. Bag Cargo. Pepper, Ginger, Turmeric, Gallingal, Cardamoms Catcholam, Cinnamon Flower, Fish and Prawns, Nux Vomica Palm Nuts and other bag cargo (except bag cargo under item No. 1) not specified.

   Quality Survey. Re. 1 per ton or part thereof with a minimum fee of Rs. 5.

   Damage Survey. 4 as. per bag with a maximum fee of Rs. 5.

   Check-weighing. Ten per cent. of the consignment 3 ps. per package with a minimum fee of Rs. 5.

3. Cases of Tea, Rubber and Cashew Kernels and other case cargo not specified.

   Quality Survey. Rs. 2 per ton or part thereof with a minimum fee of Rs. 10.

   Damage Survey. 8 as. per case with a minimum fee of Rs. 10.

4. Coir Mats and Matting

   Quality Survey. Rs. 15 per 100 packages Mats or Matting or part thereof with a minimum fee of Rs. 15.

   Damage Survey. 1 anna per bundle of Mats or roll of Matting with a minimum fee of Rs. 15.

5. Coir Yarn Bales.

   Quality Survey. Rs. 15 per 100 bales or part thereof with a minimum fee of Rs. 15.

   Damage Survey. 8 as. per bale with a minimum fee of Rs. 15.

6. Coir Yarn Bundles.

   Quality Survey. Surveying and issuing a certificate that the Yarn is reasonably dry. Rs. 16 for every 25 tons or part thereof.

   Damage Survey. 2 as. per bundle with a minimum fee of Rs. 5.

   Check-weighing. 1 anna per cwt. with a minimum fee of Rs. 5.

   The charge to apply to quantities actually weighed.

7. Coconut Oil.

   Quality Survey Re. 1 per ton or part thereof with a minimum fee of Rs 5.

   Damage Survey Re 1 per cask or drum with a minimum fee of Rs 5.

   Check-weighing. 3 as. per ton or part thereof with a minimum fee of Rs. 5.

   The charge to apply to quantities actually weighed.

8. Cement. (Bags and Barrels).

   Damage Survey. 4 as. per package with a minimum fee of Rs. 10.

9. Piecegoods. (Bundles and Bales).

   Damage Survey. Rs. 5 per package with a minimum fee of Rs. 15

10. Paper and Paste Boards.

    Damage Survey. Rs. 5 per package with a minimum fee of Rs. 15

11. Machinery, Motor cars, etc.

Damage Survey. Fee to be decided according to the nature of the Survey.

12. Other items not specified.
Damage Survey. Rs. 5 per package with a minimum fee of Rs. 15.

The rates are to be understood as follows :—

Quality Survey. 10 per cent. of the goods to be examined. If a higher percentage has to be examined, the fee to be increased proportionately. The fee to be charged on the whole consignment surveyed.

Damage Survey. All the damaged cargo to be examined. The fees to apply to the quantity actually surveyed.

Handling Charges. All charges for opening packages, placing on scales separating sound from damaged goods, etc., are to be paid by the party applying for survey.

The full amount realised as fees for survey goes to the Notary Public and Surveyor who should give formal receipt for the amount he receives.

Statement regarding the number and tonnage of vessels which called at Travancore Ports for the last ten years.

Year.	1108.		1109.		1110.		1111.		1112.	
Alleppey .	550	1026923	394	914225	555	910707	477	945681	425	816871
All the Ports (Including Alleppey) .	799	1475707	584	1403716	821	1596944	797	1710318	786	1515560

Year.	1113.		1114.		1115		1116.		1117.	
Alleppey .	442	892165	397	958027	256	524311	171	237633	99	49289
All the Ports (Including Alleppey). .	848	1705292	817	1762306	486	992625	418	497145	247	96838

PASSPORTS.

It is necessary for Travancoreans to provide themselves with passports when they propose to travel outside India They have to apply to the Resident for the Madras States for the grant of such passports. Such applications are referred by him to the Travancore Government, in regard to the antecedents, character and financial condition of the applicants. When Travancoreans get stranded in foreign places, it is the Travancore Government that has to bear the repatriation charges Hence, the Division Peishkar concerned is usually referred to, and on the basis of his report, the recommendation to the Resident is made. It is now usual to take securities, in landed property or personal, to the amount considered necessary for the repatriation charges In the majority of cases, this is Rs. 2,000. Government will not recommend the issue of passports in cases where such security is not forthcoming.

DECLARATION OF ELIGIBILITY OF SUBJECTS OF INDIAN STATES FOR APPOINTMENT TO THE CIVIL SERVICES IN BRITISH INDIA.

The eligibility of subjects of Indian States to hold any Civil Office under the Crown in India, and under the Federal and Provincial Governments in British India is subject to a declaration under Section 262 of the Government of India Act, 1935 as amended by Section 9 of the Indian and Burma (Miscellaneous Amendments) Act 1940 which is reproduced below :—

(1) The Ruler or a subject of a Federated State shall be eligible to hold any Civil Office under the Crown in India in connection with the affairs of the Federation and the Governor-General may declare that the Ruler or the subjects, or any named subject of a specified Indian State which is not a Federated State, or the natives or any named native of a specified tribal area or territory adjacent to India, shall be eligible to hold any such office.

(2) The Governor of a Province may declare that the Ruler or the subjects, or any named subject, of a specified Indian State, or the natives, or any named native, of a specified tribal area or territory adjacent to India, shall be eligible to hold any civil office in connection with the affairs of the Province.

(3) The Secretary of State may declare that any named subject of an Indian State, or any named native of a tribal area or territory adjacent to India, shall be eligible for appointment by him to any civil service under the Crown in India to which he makes appointments and any person who, having been so declared eligible, is appointed to such a service, shall be eligible to hold any civil office under the Crown in India.

(4) Subject to as aforesaid and to any other express provisions of this Act no person who is not a British subject shall be eligible to hold any office under the Crown in India. Provided that—

(a) a person who at the end of March 1940 is in the permanent service of the Crown in India shall not be ineligible to hold any office under the Crown in India by reason that he is not a British subject ; and

(b) the Governor-General, or, in relation to a Province, the Governor, may authorise the temporary employment for any purpose of a person who is not a British Subject.

(5) In the discharge of his functions under this Section, the Governor-General or Governor of a Province shall exercise his individual judgment.

Subjects of His Highness the Maharaja of Travancore applying for declarations of eligibility under any of the above provisions of the Act should submit their applications through the Government of Travancore sending with their applications the documents and information, required in the following memorandum :—

Resident's Office,

Trivandrum, 194

MEMORANDUM.

Declaration of eligibility under Section 262 ( ) of the Government of India Act, 1935.

With reference to his application dated Mr. is directed to submit his application for a declaration through the *Travancore* Government together with the following documente : -

1. English School Leaving Certificate in original ;
2. His original horoscope with an extract of the portion relating to his date of birth together with an attested English translation thereof; (attestation to be done by Magistrate)

Or

A Certified extract from the Baptismal Register of the Church in which he was baptised of the particulars relating to his baptism together with an attested English translation if the entries in the Baptismal Register are in an Indian Language ; (attestation and certificate to be furnished by a Magistrate)

3. A certified extract from the admission Register of the School or College in which the candidate last attended of particulars relating to his admission;
4. A certificate from an officer not below the rank of Tahsildar regarding the nationality of the candidate's father and mother.

In addition to the above documents the following particulars should also be furnished :—

(1) The candidate's place of birth.
(2) What his initials stand for;
(3) The name of the competitive examination of post for which the candidate is an applicant;

Any discrepancy in the date of birth occurring in the several documents should be fully explained and additional proofs of age furnished to substantiate an assertion by the candidate of a particular date of birth.

If the information or documents furnished are incomplete, the application is liable to rejection.

For Resident.

.....

N. B. Candidates who are merely desirous of obtaining employment in the subordinate Civil Services in British India are not required to produce declaration of eligibility until they have secured an appointment.

Applications for declaration of eligibility are forwarded to the Resident as and when they are received with the records after ascertaining from the Division Peishkar whether the candidate has received any part of his education, or resided, outside India and if so, whether in the United Kingdom or elsewhere, and whether the character and antecedents of the applicant are satisfactory.

LICENSES FOR IMPORTATION OF WIRELESS SETS.

The importation of wireless sets in the State is controlled by licenses issued by the Wireless Telegraph Authority, Trivandrum under Notification R. Dis. No. 220/42/ General, dated the 2nd February 1942, issued under section 18 of the Travancore Sea Customs Act, of 1083 (V. of 1088).

The license is to be surrendered to the customs authorities at the place of import.

No license will be issued for the importation of wireless transmitting sets for the present. Licenses are issued for the importation of wireless receiving sets. Every applicant should state in his application:—

1. The make and No. of the set and manufacturer's specifications.
2. The name of the customs chowkey through which the set is to be imported, and
3. Whether, the set is a receiver or a transmitter or both.

No license fee is levied for the importation of wireless sets or accessories, but at the time of making the application for the importation of wireless sets, the applicant is required to record his acceptance of the following conditions :—

1. That he will conform to the provisions of the Travancore Wireless Telegraph Act of 1115 and rules thereunder.
2. That in case the set is sold, he will obtain and forward to the Wireless Telegraph Authority, Trivandrum, the purchaser's acceptance of the above condition without which the sale cannot be considered valid.

LICENSES FOR THE POSSESSION OF WIRELESS APPARATUS.

The possession of Wireless Telegraph Apparatus is regulated by Act XXIII of 1115 (The Travancore Wireless Telegraph Act, 1115) passed on 2nd Mithunam 1115 corresponding to 15th June, 1940. Under Section 10 of the Act, Government have framed rules regarding the possession of Wireless Telegraph Apparatus and published the same in the Gazette dated 28-10-1116/10-6-1941.

Applications for licenses under the above rules are to be forwarded to the Wireless Telegraph Authority or Wireless Telegraph Inspector, Trivandrum.

The following fees are prescribed for the licenses:

1.	Non-dealers' Possession License	S. Rs.	10.
2.	Dealers' Possession License	,,	10
3.	Commercial Broadcast Receiver License	,,	25
4.	Public Address System License	,,	25
5.	Demonstration License	,,	5

In addition to a Dealer's Possession License, a dealer is required to take a Commercial Broadcast Receiver License for S. Rs. 25 for sets that are in a condition capable of receiving or reproducing broadcast programmes in their business premises.

An additional fee of S. Rs. 10 shall be payable for each additional receiver or Loud-speaker or similar appliance connected to one Commercial Broadcast receiver, or for each additional Microphone or Loud-speaker or similar appliance connected to one Public Address system. A renewal fee of S. Rs. 9 shall be payable for every license except in cases of Commercial Broadcast Receiver License or Public Address System license where the renewal fee is S. Rs. 20 in either case. The application together with the required remittance has to be made on or before the date of its expiry, failing which a penalty of Chs. 14 is payable for each license. In case the license is not renewed even after a month of its expiry date, the full fees have to be paid in each case. Licenses shall be valid for a period of 12 calendar months beginning from the first day of the month of issue.

Any breach of the Travancore Wireless Telegraph (Possession) Rules other than a breach under section 6 of the Act shall be punishable with a fine which may extend to one hundred rupees.

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